MASTER

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Air Ministry
Meteorological Office

SUNSHINE SPELLS IN SOUTH-WEST ENGLAND

INTRODUCTION

Area under survey

The area "south-west England" includes the following counties:- Cornwall, Devon, Somerset, Wiltshire and Gloucestershire.

Observing stations

The following stations were used:-

Station	Height above M.S.L. ft.	Period of observations	No. of years
Bath	67	1927 – 46	20
Boscombe Down	417	1933 – 46	14
Bristol	209	June 1937 – May 1947	10
Cannington	95	1929 – 46	18
Cullompton	202	1932 – 46	15
Ellbridge	200	1929 – 46	18
Gulval	20	1927 – 46	20
Ilfracombe	25	1927 – 46	20
Newquay	182	1927 – 46	20
Newton Abbot	375	1927 – 46	20
Parkend	325	1932 – 46	15

Because of the differences in the periods of observations, the records are not strictly comparable. This is especially so in the case of Bristol, where only 10 years' records are available. The positions of the stations are shown on Fig. 1.

Measurement of sunshine

The instrument used to measure sunshine is the Campbell-Stokes sunshine recorder, which consists of a glass sphere placed so as to bring the sun's rays to a focus on a card mounted in a metal bowl, thus causing a burnt trace. With correct adjustment and exposure the trace can be measured to give the duration of bright sunshine in hours and tenths. A weak or "watery" sun will leave no trace, neither will sun below 3° altitude.

Mean annual sunshine

The distribution of mean annual sunshine (as computed for 1901-30) is shown in Fig. 2.

Distribution of sunny days

Figs. 3 and 4 show the mean daily sunshine for each month at each station (for the periods under survey, see above). The diagrams show the average distribution of days in each month for the following types of sunny days:-

(i) Days of no sun (0.0 hr.)
(ii) Days of little sun (0.1 – 3.0 hr.)
(iii) Days of moderate sun (3.1 – 6.0 hr.)
(iv) Sunny days (6.1 – 9.0 hr.)
(v) Very sunny days (over 9.0 hr.)

Spells

The above data, however, do not give a complete picture; a spell of 12 days in June, each day of which is "very sunny", is of more use in haymaking than 3 spells of 4 similar days interspaced by overcast or possibly rainy conditions. In a previous memorandum the frequency of dry spells has been considered. It is the purpose of the present paper to deal with sunshine spells in a similar manner.

The spells have been summarised in two ways:-

(i) Number of occasions a given spell of ≥ 2 days, ≥ 3 days, ≥ 4 days etc. has occurred in 10 years for each month. If a spell overlaps two months, it is credited to the month in which most days occur, e.g. A spell of the last 7 days

Throughout the area, the longest spell which has occurred at least once in 50 per cent. of the years for the months May to September is one day. One year in 10 a spell of 6 sunless days in January can be expected in Cornwall.

SPELLS OF LITTLE OR NO SUN

In these spells each day has 3.0 hr. of sun or less. Table III is identical in form with Table I, showing the spells of little or no sun for ≥ 3 days, ≥ 6 days, ... ≥ 24 days. The longest spell is one of 35 days in January at Ilfracombe, but the maximum spell at Ellbridge is only 16 days. The divergences from the area average are by no means as striking as in the sunless spells, but the predominance of the Cornish stations is still evident.

The final yearly weighted rating order is as follows:-

Newquay (89 per cent.) is below average for the entire year.
Ellbridge (89 per cent.) is similar, but July fogs again affect the summer record.
Gulval (91 per cent.) is below average except in January, May and June.
Newton Abbot (92 per cent.) is below average except in January, May and July.
Boscombe Down (96 per cent.) has a very consistent record, its monthly percentage varying only between 87 and 104 per cent.
Cannington (98 per cent.). The lee effect noticed in the sunless spells is here less striking, but the station still has a much better record than Ilfracombe.
Cullompton (104 per cent.) has a good record only in the months of January, July and October.
Bristol (109 per cent.) shows similar poor records.
Bath (109 per cent.) shows similar poor records.
Parkend (111 per cent.) is below average for almost the entire year.
Ilfracombe (112 per cent.) again has a very poor record from September to March, with amelioration during the summer months.

Table IV is similar to Table II. At Gulval, for example, in January a spell of 3 days with little or no sun may be expected every year, and a spell of 16 days one year in 10. At Ilfracombe, in January a spell of 6 days may be expected 9 years in 10 and a spell of 10 days, one year in two.

SPELLS OF MODERATE SUN*

In these spells each day has 3.1 hr. or more of sun. Table V shows the number of occasions of spells per 10 years, again arranged in intervals of 3 days, viz. ≥ 3, ≥ 6, etc. The longest spell is one of 30 days with 3.1 hr. of sun or more at Bath in June and July. With the exception of Parkend, there is little divergence in annual rating over the area.

The final yearly weighted rating order is as follows:-

Ellbridge (108 per cent.) is predominantly good in the period between October and March.
Gulval (105 per cent.) is deficient only in January, February and June.
Newton Abbot (102 per cent.) like Ellbridge is markedly above average in winter.
Cannington (102 per cent.) has a good summer record, especially in July.
Boscombe Down (101 per cent.) is good in summer, but deteriorates in autumn.
Newquay (101 per cent.) suffers from the lee-coast cloud effect to lessen its summer spells.
Bristol (98 per cent.) is deficient in autumn.
Ilfracombe (98 per cent.) has a poor record from September to March.
Cullompton (97 per cent.) has a good winter record but is deficient in summer.
Bath (97 per cent.) is below average from October to May.
Parkend (87 per cent.) is by far the worst station, being especially poor in autumn, and attains the average rating in January only.

Table VI shows the consistency of the spells. In August spells of 3 days (and in most cases 4) can be expected every year over the whole area. In June, one year in 10 can be expected to show a spell of 18 days or more.

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*The phrase "above average" is now to the credit of a station, as we are considering spells of sun, instead of absence of sun.

LLS OF SUNNY DAYS

In these spells each day has 6.1 hr. of sun or more. Table VII shows the number of occurrences per 10 years. The maximum spells recorded were ones of 22 days at Ellbridge and Newton Abbot in June. Cullompton has a maximum spell of only 13 days.

The final yearly weighted rating order is as follows:-

Gulval (116 per cent.) shows the best record, especially in October, November and December. It is deficient only in January and March.

Newquay (113 per cent.) is deficient only in January and November.

Ellbridge (105 per cent.) is deficient only in August, but is well above average during the winter months.

Newton Abbot (103 per cent.) is slightly below average from May to August.

Ilfracombe (101 per cent.) approximates closely to the area average, varying between 90 per cent. (February) and 113 per cent. (November); for the first time it has a better rating than Cannington.

Boscombe Down (100 per cent.) is chiefly deficient in the autumn months, probably due to the incidence of morning fogs.

Cannington (99 per cent.) is below average in late spring and late autumn.

Bristol (98 per cent.) has a good record in June, but is deficient for most of the year.

Bath (94 per cent.)
Cullompton (87 per cent.)
Parkend (83 per cent.)

} These three stations again occupy the last three places; except in isolated months, they rarely attain the area average.

Table VIII shows the spell consistency. Two consecutive days of over 6 hr. sunshine cannot be expected in January anywhere in the area with a frequency of one year in two, in fact two stations, Bristol and Parkend have not experienced such a spell in 10 years. In June, however, one year in 10 will give a spell of 10 days everywhere.

In 1949 (which lies outside the present survey), a very sunny year, the following stations recorded a new maximum spell in June:-

Station	Maximum spell June 1949 days	Maximum spell during survey days
Cannington	19	10
Cullompton	16	12
Ellbridge	24	22
Ilfracombe	23	16

SPELLS OF VERY SUNNY DAYS

In these spells each day has over 9.0 hr. of sun. Table IX shows the number of occurrences; the maximum spells were ones of 21 days in June at Cannington and Cullompton. In 10 years Bristol can only record a maximum spell of 9 days, once in May and once in June.

The final yearly weighted rating order is as follows:-

Gulval (128 per cent.)
Newquay (122 per cent.)

} These two stations are easily the most favoured, their spring and autumn record being conspicuously good.

Ellbridge (113 per cent.) shows similar characteristics.

Ilfracombe (111 per cent.), despite its predominance in sunless spells, has a good record in very sunny spells, being deficient only in May and September.

Newton Abbot (100 per cent.) is good in spring and autumn but below average in early summer.

Cannington (96 per cent.) is deficient in spring and autumn.

Boscombe Down (94 per cent.) is deficient in spring and autumn.

Bath (93 per cent.) is deficient in spring and early summer, but has a good September record.

Bristol (89 per cent.) is deficient throughout the year; the February rating is so low as to be insignificant.

Cullompton (89 per cent.) has a poor record from July to October.

Parkend (67 per cent.) partly due to its northern position, is below 75 per cent. of the area mean in each of the months March - October; the February rating is not significant.

Table X shows the spell consistency. In most of the area a very sunny spell in June of two days only has occurred every year; in 90 per cent. of the years a spell of 3 days has been experienced only at Newquay. Very sunny spells cannot therefore be expected to occur every year. In 1 yr. in 10 a spell of 7-10 days can be expected throughout the south-west in May and June.

SPELL SUMMARY

Table XI shows a qualitative summary of the yearly ratings for each type of spell. The outstanding sunny stations are Gulval, Ellbridge and Newquay. Ellbridge and Newquay have fewest sunless spells; Gulval and Newquay have most very sunny spells; Newquay does not maintain its good record in the case of spells of 3.1 hr. or more probably owing to its exposure to W. and NW. on-shore winds and accompanying cloud.

The stations just above average are Newton Abbot, Cannington and Boscombe Down. Both Cannington and Newton Abbot avoid many sunless spells but do not experience abnormal sunny or very sunny spells. The record of Boscombe Down is very uniform in each type of spell.

Stations just below average are Ilfracombe, Bath, Cullompton and Bristol. Ilfracombe has a ~~poor~~ high sunless record but a good very sunny record. Bath and Bristol have high sunless-spell records, probably due to the added influence of urban smoke in winter. Cullompton has a ~~high~~ poor record of sunny and very sunny spells due to the increased cloudiness on the southern Exmoor slopes.

Parkend shows the worst record; it is the most northerly station and is noticeably deficient in sunny and very sunny spells.

CONCLUSIONS

As might be expected, the yearly ratings for each type of spell, taken as a whole, compare very closely with the yearly mean of daily sunshine.

The yearly ratings for the spells taken separately, do not show the same regularity, except in the case of Boscombe Down. Ilfracombe is the best example, having a very high record for sunless spells and yet a good record of very sunny spells.

When each type of spell is considered month by month, an even greater divergence in record is noticed, although in most of the stations a sufficient meteorological reason can be deduced to explain the irregularity.

It is therefore important to realise that, if knowledge of sunshine incidence is required, existing records of average values give limited information. The present paper is intended to emphasise the "hidden" information, and to present such information in the most useful form.

TABLE I - SPELLS OF SUNLESS DAYS

Each day in spell has 0.0 hr. of sun
Number of occasions per 10 years

	days								Longest spell	Rating	Percentage of area mean
	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	days		%
BATH											
Jan.	30.7	15.3	8.7	6.0	3.5	2.0	2.0	1.0	10	69.5	129
Feb.	22.5	7.7	3.3	..	..	..	..	..	4	33.5	115
Mar.	11.5	3.0	1.5	0.5	0.5	..	..	..	6	17.0	114
Apr.	6.3	2.0	..	..	..	..	..	..	3	8.3	128
May	1.3	0.5	..	..	..	..	..	..	3	1.8	78
June	2.0	0.5	..	..	..	..	..	..	3	2.5	89
July	0.5	..	..	..	..	..	..	..	2	0.5	23
Aug.	2.0	0.5	..	..	..	..	..	..	3	2.5	119
Sept.	4.3	1.5	..	..	..	..	..	..	3	5.8	118
Oct.	8.3	3.0	0.5	0.5	..	..	..	..	5	12.3	98
Nov.	28.5	12.0	5.5	1.5	0.5	..	..	..	6	48.0	113
Dec.	31.3	15.5	9.5	6.5	3.5	1.0	1.0	1.0	10	70.0	126
Year	..	..	..	..	..	..	..	..	10	272	119
BOSCOMBE DOWN											
Jan.	27.0	11.0	6.8	4.3	1.4	1.4	1.4	1.4	9	51.5	96
Feb.	16.0	8.3	2.5	..	..	..	..	..	4	29.0	100
Mar.	10.6	2.1	1.4	0.7	..	..	..	..	5	12.2	82
Apr.	6.1	1.4	..	..	..	..	..	..	3	9.1	140
May	1.1	..	..	..	..	..	..	..	2	1.8	78
June	3.6	0.7	..	..	..	..	..	..	3	3.7	132
July	0.0	..	..	..	..	..	..	..	1	0.0	0
Aug.	0.7	..	..	..	..	..	..	..	2	0.8	38
Sept.	2.8	1.4	..	..	..	..	..	..	3	5.3	108
Oct.	10.0	2.8	0.7	..	..	..	..	..	4	13.3	105
Nov.	25.3	9.2	2.8	1.4	..	..	..	..	5	37.0	87
Dec.	28.4	14.9	5.0	4.3	2.8	1.4	0.7	0.7	9	65.5	118
Year	..	..	..	..	..	..	..	..	9	229	100
BRISTOL											
Jan.	31.0	17.0	11.0	7.0	5.0	4.0	3.0	3.0	11	67.5	126
Feb.	22.0	11.0	5.0	3.0	2.0	2.0	1.0	..	8	43.0	148
Mar.	8.0	5.0	3.0	2.0	2.0	1.0	1.0	..	8	15.0	101
Apr.	2.5	..	..	..	..	..	..	..	2	3.8	60
May	1.5	..	..	..	..	..	..	..	2	2.3	100
June	2.0	1.0	..	..	..	..	..	..	3	2.5	89
July	0.0	..	..	..	..	..	..	..	1	0.5	23
Aug.	1.0	1.0	..	..	..	..	..	..	3	2.5	119
Sept.	2.0	..	..	..	..	..	..	..	2	2.9	59
Oct.	8.0	1.0	..	..	..	..	..	..	3	10.1	80
Nov.	30.0	11.0	6.0	3.0	1.0	..	..	..	6	52.0	122
Dec.	29.0	14.0	7.0	5.0	2.0	2.0	2.0	2.0	10	68.0	122
Year	..	..	..	..	..	..	..	..	11	270	118

TABLE I - continued

	days								Longest spell	Rating	Percentage of area mean
	⩾ 2	⩾ 3	⩾ 4	⩾ 5	⩾ 6	⩾ 7	⩾ 8	⩾ 9	days		%
CANNINGTON											
Jan.	24.9	7.7	4.4	3.9	2.2	1.7	1.7	1.1	11	45.5	85
Feb.	15.7	5.5	2.2	1.1	..	..	..	..	5	25.5	88
Mar.	8.5	3.3	1.1	1.1	0.6	0.6	..	..	7	13.6	91
Apr.	4.2	1.1	..	..	..	..	..	..	3	5.2	80
May	1.7	..	..	..	..	..	..	..	2	1.6	69
June	0.8	..	..	..	..	..	..	..	2	0.7	25
July	0.6	..	..	..	..	..	..	..	2	0.6	27
Aug.	1.7	0.6	..	..	..	..	..	..	3	2.1	100
Sept.	2.8	0.6	..	..	..	..	..	..	3	3.7	76
Oct.	7.3	1.1	..	..	..	..	..	..	3	9.1	72
Nov.	21.0	10.5	6.1	3.3	1.1	0.6	..	..	7	42.5	100
Dec.	23.5	10.0	3.9	3.3	1.1	0.6	0.6	0.6	10	49.0	88
Year	..	..	..	..	..	..	..	..	11	199	87
CULLOMPTON											
Jan.	28.5	12.6	7.3	4.7	4.0	2.7	1.3	1.3	9	54.5	101
Feb.	18.6	4.0	0.7	0.7	..	..	..	..	5	22.8	79
Mar.	11.2	4.0	2.0	0.7	0.7	0.7	0.7	..	8	21.0	141
Apr.	5.0	..	..	..	..	..	..	..	2	4.7	72
May	1.7	..	..	..	..	..	..	..	2	1.2	52
June	1.3	..	..	..	..	..	..	..	2	1.7	61
July	1.3	..	..	..	..	..	..	..	2	1.3	59
Aug.	1.3	0.7	..	..	..	..	..	..	3	1.9	91
Sept.	5.7	0.7	..	..	..	..	..	..	3	6.4	131
Oct.	9.6	2.0	..	..	..	..	..	..	3	10.9	86
Nov.	30.0	12.3	6.4	2.3	1.7	0.7	0.7	0.7	11	55.0	129
Dec.	34.0	15.0	6.4	3.0	1.0	0.7	0.7	0.7	10	57.0	103
Year	..	..	..	..	..	..	..	..	11	238	104
ELLBRIDGE											
Jan.	22.4	11.1	6.6	5.5	1.7	1.1	0.6	..	8	45.0	88
Feb.	13.5	5.0	2.8	..	..	..	..	..	4	20.2	70
Mar.	10.5	2.2	1.1	0.6	..	..	..	..	5	13.6	91
Apr.	3.0	0.6	..	..	..	..	..	..	3	3.6	55
May	3.0	..	..	..	..	..	..	..	2	2.6	113
June	3.3	1.1	..	..	..	..	..	..	3	4.3	153
July	3.8	1.1	..	..	..	..	..	..	3	5.8	264
Aug.	1.1	..	..	..	..	..	..	..	2	1.3	62
Sept.	3.3	0.6	..	..	..	..	..	..	3	4.7	96
Oct.	8.2	2.8	..	..	..	..	..	..	3	11.0	87
Nov.	16.8	4.4	1.1	..	..	..	..	..	4	22.5	53
Dec.	19.3	7.7	3.3	1.6	1.1	1.1	0.6	0.6	9	35.5	64
Year	..	..	..	..	..	..	..	..	9	170	74

TABLE I - continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	Longest spell	Rating	Percentage of area mean
									days		%
GULVAL											
Jan.	23.7	8.0	3.5	1.5	1.0	..	..	..	6	37.5	70
Feb.	15.0	7.5	2.5	0.5	0.5	..	..	..	6	26.0	90
Mar.	11.5	2.0	1.0	0.5	..	..	..	..	5	15.0	101
Apr.	5.3	0.5	..	..	..	..	..	..	3	5.8	89
May	5.3	0.5	..	..	..	..	..	..	3	5.8	251
June	4.3	1.0	..	..	..	..	..	..	3	5.3	189
July	3.3	0.5	..	..	..	..	..	..	3	3.8	173
Aug.	3.5	0.5	..	..	..	..	..	..	3	4.0	190
Sept.	6.0	1.0	..	..	..	..	..	..	3	7.0	143
Oct.	8.5	2.0	1.0	..	..	..	..	..	4	11.5	91
Nov.	17.7	7.0	4.0	2.0	1.0	1.0	..	..	7	32.5	76
Dec.	22.5	10.5	4.0	1.5	1.0	1.0	0.5	..	8	41.0	74
Year	..	..	..	..	..	..	..	..	8	195	85
ILFRACOMBE											
Jan.	29.5	13.5	7.5	5.5	3.0	1.0	1.0	1.0	9	62.0	115
Feb.	26.5	9.5	2.0	0.5	..	..	..	..	5	38.5	133
Mar.	10.3	1.5	1.0	..	..	..	..	..	4	12.8	86
Apr.	7.3	1.0	..	..	..	..	..	..	3	8.3	128
May	2.3	..	..	..	..	..	..	..	2	2.3	100
June	1.0	0.5	0.5	..	..	..	..	..	4	2.0	71
July	3.0	..	..	..	..	..	..	..	2	3.0	136
Aug.	2.5	..	..	..	..	..	..	..	2	2.5	119
Sept.	6.0	..	..	..	..	..	..	..	2	6.0	122
Oct.	17.0	5.5	0.5	..	..	..	..	..	4	23.0	181
Nov.	26.3	16.5	7.0	3.0	1.5	0.5	..	..	7	55.0	129
Dec.	32.5	17.5	11.0	5.5	2.5	1.5	0.5	..	8	71.0	128
Year	..	..	..	..	..	..	..	..	9	286	125
NEWQUAY											
Jan.	23.5	9.5	4.0	3.0	1.0	0.5	..	..	7	41.5	77
Feb.	15.5	7.5	3.0	..	..	..	..	..	4	26.0	90
Mar.	9.7	3.0	1.5	0.5	..	..	..	..	5	14.7	99
Apr.	5.5	0.5	..	..	..	..	..	..	3	6.0	92
May	1.7	..	..	..	..	..	..	..	2	1.7	74
June	2.5	..	..	..	..	..	..	..	2	2.5	89
July	4.0	1.0	..	..	..	..	..	..	3	5.0	227
Aug.	1.5	..	..	..	..	..	..	..	2	1.5	71
Sept.	3.5	1.0	..	..	..	..	..	..	3	4.5	92
Oct.	10.0	4.5	..	..	..	..	..	..	3	14.5	114
Nov.	17.0	8.5	3.0	1.5	1.0	1.0	0.5	..	8	32.5	76
Dec.	26.5	8.5	3.0	0.5	0.5	..	..	..	6	39.0	70
Year	..	..	..	..	..	..	..	..	8	189	83

TABLE I - continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	Longest spell	Rating	Percentage of area mean
									days		%
	NEWTON ABBOT										
Jan.	26.5	13.5	6.5	4.5	2.0	1.0	1.0	0.5	9	55.5	103
Feb.	14.0	3.5	1.0	0.5	..	..	..	..	5	19.0	66
Mar.	12.5	4.5	1.0	1.0	1.0	0.5	0.5	..	8	21.0	141
Apr.	8.3	1.0	0.5	..	..	..	..	..	4	9.8	151
May	2.3	0.5	..	..	..	..	..	..	3	2.8	124
June	1.5	1.0	..	..	..	..	..	..	3	2.5	89
July	2.0	..	..	..	..	..	..	..	2	2.0	91
Aug.	2.0	0.5	..	..	..	..	..	..	3	2.5	119
Sept.	3.7	0.5	..	..	..	..	..	..	3	4.2	86
Oct.	7.7	2.5	..	..	..	..	..	..	3	10.2	80
Nov.	19.7	10.0	5.0	2.0	0.5	..	..	..	6	37.0	87
Dec.	24.3	10.5	6.0	4.5	2.0	1.0	0.5	0.5	9	49.5	89
Year	..	..	..	..	..	..	..	..	9	216	94
	PARKEND										
Jan.	30.9	14.6	9.3	3.3	1.3	1.3	0.7	0.7	9	61.0	114
Feb.	15.2	6.6	3.9	1.3	0.7	0.7	0.7	0.7	13	35.5	123
Mar.	7.6	2.0	..	..	..	..	..	..	3	8.2	55
Apr.	4.7	1.3	..	..	..	..	..	..	3	7.1	109
May	2.0	..	..	..	..	..	..	..	2	1.6	69
June	3.0	0.7	..	..	..	..	..	..	3	3.4	121
July	2.0	..	..	..	..	..	..	..	2	2.0	91
Aug.	1.3	1.3	..	..	..	..	..	..	3	2.0	95
Sept.	1.3	0.7	0.7	..	..	..	..	..	4	3.1	63
Oct.	12.6	1.3	0.7	..	..	..	..	..	4	14.6	115
Nov.	31.0	13.2	6.0	3.3	1.3	0.7	..	..	7	54.0	127
Dec.	27.3	11.3	7.3	4.7	2.7	0.7	0.7	0.7	11	64.0	115
Year	..	..	..	..	..	..	..	..	13	257	112

TABLE II - SUNLESS DAYS

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
	LENGTH OF SPELLS at least one of which has been experienced EVERY YEAR										
Jan.	2	1	3	2	1	1	1	1	1	1	2
Feb.	1	1	2	1	1	1	1	2	1	1	1
Mar.	1	1	..	1	1	1	1	1	1	..	1
Apr.	1	1	1	1	..	1	1	1	..	1	..
May	1	..	..	..	1	..	..	..	1	..	..
June	..	..	..	..	..	..	1	..	..	..	..
July	..	..	..	..	..	..	..	..	..	..	..
Aug.	..	..	..	..	..	..	..	..	..	..	..
Sept.	..	..	..	..	..	..	..	..	..	..	..
Oct.	1	1	1	..	1	1	1	1	1	1	1
Nov.	1	1	2	1	2	1	1	2	1	1	2
Dec.	2	3	2	1	2	1	1	2	1	1	2
	LENGTH OF SPELLS at least one of which has been experienced 9 YEARS OUT OF 10										
Jan.	2	2	3	2	2	2	2	2	2	2	2
Feb.	2	1	2	2	1	1	1	2	2	2	1
Mar.	1	1	1	1	1	1	1	1	1	1	1
Apr.	1	1	1	1	1	1	1	1	1	1	1
May	1	1	1	1	1	..	1	1	1	1	1
June	..	..	1	..	..	..	1	..	1	..	1
July	..	..	1	..	..	1	..	1	1	1	..
Aug.	..	..	..	..	..	..	1	..	1	..	..
Sept.	..	..	..	..	..	..	1	..	1	..	..
Oct.	1	1	1	1	1	1	1	2	1	1	1
Nov.	2	2	2	2	2	1	2	3	2	2	2
Dec.	2	3	2	2	3	2	2	3	2	2	2
	LENGTH OF SPELLS at least one of which has been experienced 3 YEARS OUT OF 4										
Jan.	3	2	4	2	2	3	2	3	2	2	4
Feb.	2	2	2	2	2	2	2	3	2	2	2
Mar.	1	1	1	1	1	1	2	1	1	1	1
Apr.	1	1	1	1	1	1	1	1	1	1	1
May	1	1	1	1	1	1	1	1	1	1	1
June	1	1	1	1	1	..	1	1	1	1	1
July	1	..	1	..	1	1	1	1	1	1	..
Aug.	1	..	1	..	..	1	1	1	1	1	1
Sept.	1	1	..	1	1	1	1	1	1	1	1
Oct.	1	1	1	1	1	1	1	2	1	1	1
Nov.	3	2	2	2	3	2	2	3	2	2	2
Dec.	3	3	3	2	3	2	3	4	2	2	2

TABLE II - continued

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Ellbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 2											
Jan.	4	3	6	3	4	5	3	4	3	4	4
Feb.	3	3	3	3	2	3	3	3	3	2	2
Mar.	2	2	2	2	2	2	2	2	2	2	2
Apr.	2	2	1	1	1	1	2	2	1	2	1
May	1	1	1	1	1	1	1	1	1	1	1
June	1	1	1	1	1	1	1	1	1	1	1
July	1	1	1	1	1	1	1	1	1	1	1
Aug.	1	1	1	1	1	1	1	1	1	1	1
Sept.	1	1	1	1	1	1	1	1	1	1	1
Oct.	2	2	2	2	2	2	2	3	2	2	2
Nov.	4	3	3	4	4	2	3	4	3	4	3
Dec.	4	3	5	3	3	3	3	4	3	3	3
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 4											
Jan.	6	5	9	5	7	5	4	6	4	5	5
Feb.	4	4	4	3	3	4	4	3	4	3	4
Mar.	3	2	4	2	3	2	2	2	3	3	3
Apr.	2	2	2	2	2	2	2	2	2	2	2
May	1	1	1	1	1	2	2	1	1	1	1
June	1	2	1	1	1	2	2	1	2	1	1
July	1	1	1	1	1	2	2	2	2	1	1
Aug.	1	1	1	1	1	1	2	1	1	1	1
Sept.	2	1	1	1	2	1	2	2	2	2	1
Oct.	2	3	2	2	2	3	2	3	3	3	2
Nov.	4	4	5	5	4	3	4	5	4	4	5
Dec.	6	6	5	5	5	4	3	6	3	5	6
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 10											
Jan.	9	9	11	9	9	7	6	9	6	8	7
Feb.	4	4	8	5	3	4	4	4	4	4	5
Mar.	4	3	8	5	4	4	4	4	4	6	3
Apr.	3	3	2	3	2	2	2	3	2	3	3
May	2	2	2	2	2	2	2	2	2	2	2
June	2	2	3	1	2	3	3	2	2	3	2
July	1	1	1	1	2	3	2	2	3	2	2
Aug.	2	1	3	2	2	2	2	2	2	2	3
Sept.	3	3	2	2	2	2	3	2	3	2	2
Oct.	3	3	3	3	3	3	4	3	3	3	2
Nov.	5	5	6	6	6	4	7	6	7	5	6
Dec.	9	7	10	6	6	7	7	7	4	7	6

TABLE III - SPELLS OF LITTLE OR NO SUN

Each day has 3.0 hr. of sun or less
Number of occasions per 10 years

	days ≥ 3	≥ 6	≥ 9	≥ 12	≥ 15	≥ 18	≥ 21	≥ 24	Longest spell	Rating	Percentage of area mean
									days		%
BATH											
Jan.	30.7	11.3	7.5	3.0	0.5	0.5	..	..	18	163	101
Feb.	24.5	8.0	3.5	2.0	1.5	0.5	..	..	20	129	110
Mar.	20.3	4.7	1.3	0.3	..	..	..	..	12(½)	92	112
Apr.	16.3	2.7	0.3	0.3	..	..	..	..	12(½)	65.5	136
May	11.5	..	..	..	..	..	..	..	5	42.5	102
June	5.0	0.5	0.5	..	..	..	..	..	9	27.0	110
July	10.0	..	..	..	..	..	..	..	5	37.5	99
Aug.	9.3	..	..	..	..	..	..	..	5	37.5	115
Sept.	13.7	0.5	..	..	..	..	..	..	6	52.5	106
Oct.	22.0	5.5	1.0	1.0	1.0	..	..	..	17	104	115
Nov.	28.0	11.5	5.3	1.7	1.0	0.5	..	..	20	162	108
Dec.	31.7	15.3	8.7	4.3	2.5	1.5	0.5	0.5	32	199	112
Year	..	..	..	..	..	..	..	..	32	1,111	109
BOSCOMBE DOWN											
Jan.	26.4	11.4	6.4	1.4	..	..	..	..	13	151	94
Feb.	22.9	7.1	2.6	2.1	0.7	..	..	..	15	112	96
Mar.	17.9	5.7	..	..	..	..	..	..	8	76	93
Apr.	12.9	1.4	..	..	..	..	..	..	7	47	98
May	7.9	..	..	..	..	..	..	..	5	40	96
June	5.0	..	..	..	..	..	..	..	5	24.4	99
July	7.1	0.7	..	..	..	..	..	..	6	33.5	88
Aug.	6.8	..	..	..	..	..	..	..	5	28.5	87
Sept.	10.4	0.7	0.7	0.7	0.7	..	..	..	17	49	99
Oct.	21.4	2.6	1.4	0.7	..	..	..	..	14	94	104
Nov.	31.8	13.2	7.1	2.9	0.7	..	..	..	17	158	101
Dec.	28.9	10.4	6.4	2.1	1.4	0.7	..	..	20	172	97
Year	..	..	..	..	..	..	..	..	20	985	96
BRISTOL											
Jan.	26.5	12.0	6.0	3.0	..	.	..	..	14	144	89
Feb.	26.5	9.0	6.0	4.0	2.0	2.0	1.0	1.0	30	146	125
Mar.	19.5	9.5	2.5	0.5	..	..	..	..	12(½)	90.5	110
Apr.	13.5	1.5	0.5	0.5	..	..	..	..	12(½)	49	102
May	10.0	..	..	..	..	..	..	..	5	36	87
June	7.0	..	..	..	..	..	..	..	5	24.1	98
July	14.0	1.0	..	..	..	..	..	..	6	41.5	109
Aug.	9.0	..	..	..	..	..	..	..	4	33	101
Sept.	12.0	1.0	..	..	..	..	..	..	6	47	95
Oct.	23.0	5.0	2.0	1.0	1.0	..	..	..	17	100	110
Nov.	28.5	13.5	6.0	3.0	2.0	2.0	..	..	20	181	116
Dec.	30.5	14.5	8.0	6.0	4.0	2.0	..	..	19	214	120
Year	..	..	..	..	..	..	..	..	30	1,106	109

TABLE III – continued

	days ≥ 3	≥ 6	≥ 9	≥ 12	≥ 15	≥ 18	≥ 21	≥ 24	Longest spell days	Rating	Percentage of area mean %
					CANNINGTON						
Jan.	29.4	11.7	8.3	3.3	1.7	1.1	0.6	0.6	24	174	108
Feb.	25.8	6.1	1.7	0.6	..	..	..	..	12	111	95
Mar.	19.2	2.8	1.1	1.1	..	..	..	..	12	81	99
Apr.	12.8	0.6	0.6	..	..	..	..	..	10	48.5	101
May	11.1	1.7	..	..	..	..	..	..	7	15.5	110
June	3.3	..	..	..	..	..	..	..	5	21.0	85
July	5.0	..	..	..	..	..	..	..	4	29.5	78
Aug.	7.8	..	..	..	..	..	..	..	5	29	89
Sept.	10.0	0.6	..	..	..	..	..	..	8	43.5	88
Oct.	23.3	3.9	1.1	0.6	..	..	..	..	12	91	100
Nov.	29.7	11.4	5.8	3.1	0.6	..	..	..	17	163	109
Dec.	30.6	10.6	3.1	1.9	0.6	..	..	..	15	156	88
Year	..	..	..	..	..	..	..	..	24	993	98
					CULLOMPTON						
Jan.	29.7	13.0	5.3	4.0	2.0	0.7	..	..	18	148	92
Feb.	27.3	6.3	2.7	1.3	0.7	..	..	..	15	119	102
Mar.	18.3	4.7	3.3	1.3	0.7	0.7	..	..	18	98	119
Apr.	15.3	0.7	..	..	..	..	..	..	6	51	106
May	11.3	0.7	..	..	..	..	..	..	7	44	106
June	6.7	..	..	..	..	..	..	..	5	24.6	100
July	7.3	..	..	..	..	..	..	..	4	36	95
Aug.	8.0	0.7	..	..	..	..	..	..	6	43	134
Sept.	17.3	0.7	..	..	..	..	..	..	6	64	129
Oct.	27.7	3.7	0.7	0.7	..	..	..	..	13	88	97
Nov.	31.7	14.0	5.3	2.7	1.3	..	..	..	17	159	102
Dec.	26.7	13.0	10.7	4.7	6.7	..	..	..	16	182	102
Year	..	..	..	..	..	..	..	..	18	1,057	104
					ELLBRIDGE						
Jan.	30.0	13.3	5.0	2.2	0.6	..	..	..	15	152	94
Feb.	25.8	6.9	2.2	0.6	..	..	..	..	12	109	93
Mar.	16.4	4.2	0.6	..	..	..	..	..	10	66.5	81
Apr.	10.6	1.1	..	..	..	..	..	..	7	39.5	82
May	8.9	1.1	..	..	..	..	..	..	6	37.5	90
June	6.7	..	..	..	..	..	..	..	5	21.9	89
July	10.0	1.1	..	..	..	..	..	..	6	41	108
Aug.	7.5	..	..	..	..	..	..	..	5	31	95
Sept.	11.7	..	..	..	..	..	..	..	5	47.5	96
Oct.	23.1	2.8	0.6	..	..	..	..	..	11	78	86
Nov.	29.4	12.8	1.7	1.1	0.6	..	..	..	15	133	85
Dec.	32.2	8.9	2.8	1.7	1.1	..	..	..	16	154	87
Year	..	..	..	..	..	..	..	..	16	911	89

TABLE III - continued

	days ≥ 3	≥ 6	≥ 9	≥ 12	≥ 15	≥ 18	≥ 21	≥ 24	Longest spell days	Rating	Percentage of area mean %
					GULVAL						
Jan.	31.3	13.3	5.0	3.5	2.0	..	..	..	17	169	104
Feb.	24.5	6.5	2.0	..	..	..	..	..	10	106	91
Mar.	19.5	3.0	0.5	..	..	..	..	..	10	73	89
Apr.	8.5	1.0	0.5	..	..	..	..	..	10	40.5	84
May	9.5	2.0	..	..	..	..	..	..	7	44.5	107
June	7.3	0.5	..	..	..	..	..	..	6	28.5	116
July	9.7	..	..	..	..	..	..	..	5	36.0	95
Aug.	5.5	..	..	..	..	..	..	..	4	25.5	78
Sept.	11.5	0.5	..	..	..	..	..	..	6	45	91
Oct.	18.5	2.3	0.5	..	..	..	..	..	9	74	82
Nov.	24.7	7.3	3.0	0.7	..	..	..	..	13	115	74
Dec.	30.0	14.7	6.0	2.3	1.0	1.0	..	..	19	169	95
Year	..	..	..	..	..	..	..	..	19	926	91
					ILFRACOMBE						
Jan.	30.5	14.5	5.5	3.5	2.0	0.5	0.5	0.5	35	180	112
Feb.	26.0	8.0	3.0	0.5	..	..	..	..	12	122	104
Mar.	23.7	7.8	1.5	0.5	..	..	..	..	12	103	126
Apr.	11.5	0.5	..	..	..	..	..	..	6	42.5	89
May	8.0	1.5	..	..	..	..	..	..	7	37.5	90
June	5.0	0.5	..	..	..	..	..	..	6	23.5	96
July	10.0	..	..	..	..	..	..	..	5	36.5	96
Aug.	7.0	..	..	..	..	..	..	..	5	28.0	86
Sept.	13.5	3.0	0.5	..	..	..	..	..	9	59.5	120
Oct.	27.3	5.5	1.0	..	..	..	..	..	11	109	120
Nov.	28.0	12.7	6.7	3.3	1.7	1.3	1.3	..	22(½)	170	109
Dec.	27.7	19.7	12.7	8.3	3.3	1.7	0.7	0.5	33	229	128
Year	..	..	..	..	..	..	..	..	35	1,141	112
					NEWQUAY						
Jan.	32.0	12.0	3.7	2.3	0.7	0.7	0.5	..	21	160	99
Feb.	23.7	5.5	1.5	0.5	0.5	0.5	..	..	19	105	90
Mar.	19.0	1.7	..	..	..	..	..	..	8	67	82
Apr.	8.7	0.7	0.7	..	..	..	..	..	11	38	79
May	9.5	0.5	..	..	..	..	..	..	6	39.5	95
June	5.0	..	..	..	..	..	..	..	5	20.7	84
July	9.0	..	..	..	..	..	..	..	5	37.5	99
Aug.	7.5	..	..	..	..	..	..	..	4	29.5	91
Sept.	10.7	0.3	0.3	..	..	..	..	..	10(½)	39.5	80
Oct.	20.0	2.7	0.3	..	..	..	..	..	10(½)	79.5	88
Nov.	28.3	8.7	2.5	1.5	1.5	1.5	1.5	0.5	24	149	95
Dec.	28.5	9.3	5.3	1.7	1.7	0.7	..	..	20	145	81
Year	..	..	..	..	..	..	..	..	24	910	89

TABLE III - continued

	days ≥ 3	≥ 6	≥ 9	≥ 12	≥ 15	≥ 18	≥ 21	≥ 24	Longest spell days	Rating	Percentage of area mean %
					NEWTON ABBOT						
Jan.	30.3	11.7	5.5	3.0	1.0	0.5	0.5	..	22	164	102
Feb.	27.7	6.5	2.0	1.0	..	..	..	..	12	115	98
Mar.	16.3	5.0	1.0	..	..	..	..	..	10	71.5	87
Apr.	13.0	0.5	..	..	..	..	..	..	6	47.5	99
May	12.0	0.5	..	..	..	..	..	..	6	44.0	106
June	4.5	0.5	0.5	..	..	..	..	..	9	24.0	98
July	8.5	0.5	..	..	..	..	..	..	8	40	105
Aug.	5.7	..	..	..	..	..	..	..	5	27.5	85
Sept.	10.0	0.5	..	..	..	..	..	..	6	46.0	93
Oct.	20.3	1.7	0.5	0.5	..	..	..	..	13	78.5	87
Nov.	29.7	11.7	1.7	0.7	..	..	..	..	14(½)	138	89
Dec.	29.3	9.7	3.7	2.7	1.5	..	..	..	17	146	82
Year	..	..	..	..	..	..	..	..	22	942	92
					PARKEND						
Jan.	28.3	14.7	7.3	4.0	0.7	..	..	..	17	166	103
Feb.	22.3	9.0	2.7	2.0	1.3	..	..	..	16	116	99
Mar.	17.0	6.0	4.0	0.7	0.7	..	..	..	15	85.5	104
Apr.	15.3	2.0	..	..	..	..	..	..	7	59	123
May	11.3	1.3	..	..	..	..	..	..	8	46	111
June	8.7	0.7	..	..	..	..	..	..	6	31	126
July	12.7	2.0	..	..	..	..	..	..	8	51	134
Aug.	11.0	1.0	..	..	..	..	..	..	8	46	141
Sept.	13.7	2.3	0.7	..	..	..	..	..	10	52.5	106
Oct.	21.3	5.3	1.3	0.7	0.7	..	..	..	15	98.5	109
Nov.	31.0	15.7	9.3	4.7	1.3	1.3	..	..	18	185	119
Dec.	29.7	13.3	6.0	5.3	2.7	0.7	..	..	18	191	107
Year	..	..	..	..	..	..	..	..	18	1,127	111

TABLE IV - DAYS OF LITTLE OR NO SUN

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced EVERY YEAR											
Jan.	4	4	6	4	3	3	3	4	4	4	4
Feb.	3	3	3	3	2	..	3	4	3	2	3
Mar.	2	2	2	2	2	2	2	2	2	2	3
Apr.	2	..	2	2	3	..	2	2	2	..	..
May	..	..	..	2	..	2	2	..	2	..	..
June	..	2	2	..	2	..	..	..	..	..	..
July	..	..	2	..	..	..	..	2	2	..	..
Aug.	2	..	2	..	2	..	2	2	..	..	..
Sept.	..	..	..	..	2	2	..	2	2	..	..
Oct.	3	2	3	3	3	3	2	3	2	2	3
Nov.	5	5	5	5	5	4	2	5	4	4	6
Dec.	3	3	5	3	5	4	3	8	3	4	4
LENGTH OF SPELLS at least one of which has been experienced 9 YEARS OUT OF 10											
Jan.	6	6	6	4	5	5	5	6	5	5	4
Feb.	4	3	4	3	4	4	4	4	4	4	4
Mar.	2	3	3	2	2	2	3	3	3	2	3
Apr.	3	2	3	2	3	2	2	2	2	2	3
May	2	2	..	2	2	2	2	2	2	2	2
June	2	2	2	..	2	..	2	..	..	2	2
July	..	..	3	..	..	..	2	2	2	2	..
Aug.	2	2	2	..	2	..	2	2	2	2	..
Sept.	2	2	2	2	2	2	2	2	2	2	2
Oct.	3	3	3	3	3	3	3	4	3	3	3
Nov.	5	5	5	5	6	5	3	6	5	5	7
Dec.	7	5	6	4	6	4	6	10	5	5	5
LENGTH OF SPELLS at least one of which has been experienced 3 YEARS OUT OF 4											
Jan.	8	6	8	7	6	7	7	7	7	6	7
Feb.	5	4	5	4	4	5	5	5	5	5	4
Mar.	4	3	3	3	4	3	3	3	3	3	4
Apr.	3	2	3	3	3	2	2	3	2	3	4
May	2	2	2	2	2	2	2	2	2	2	2
June	2	2	2	2	2	2	2	2	2	2	2
July	2	2	3	2	2	2	2	2	2	2	3
Aug.	2	2	2	2	2	2	2	2	2	2	2
Sept.	2	2	2	2	3	2	3	3	2	2	2
Oct.	4	4	3	3	4	3	3	4	3	3	4
Nov.	7	6	8	6	7	6	5	7	5	7	8
Dec.	9	5	7	6	7	5	7	10	6	7	6

TABLE IV - continued

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Ellbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 2										
Jan.	9	9	9	9	9	9	9	10	8	8	10
Feb.	7	6	9	6	7	7	6	7	6	6	7
Mar.	5	5	7	4	4	4	4	4	4	4	5
Apr.	4	4	4	4	4	3	3	3	3	4	5
May	3	2	3	3	3	3	3	3	3	3	3
June	2	2	3	2	3	3	3	2	2	2	3
July	3	3	3	2	3	3	3	3	3	3	3
Aug.	3	3	3	3	3	3	3	3	3	3	3
Sept.	3	4	3	3	3	3	4	4	3	4	3
Oct.	5	4	4	5	5	4	4	5	4	4	5
Nov.	8	9	10	8	8	7	7	9	7	8	11
Dec.	11	10	14	8	11	7	10	13	10	8	13
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 4										
Jan.	13	10	13	12	13	10	14	13	11	12	12
Feb.	9	9	12	8	9	8	8	9	7	8	8
Mar.	8	7	9	5	10	6	6	6	5	6	9
Apr.	6	4	5	4	4	4	4	4	4	4	5
May	4	4	4	5	4	4	5	4	4	4	4
June	3	3	4	3	3	3	3	3	3	3	3
July	4	4	4	3	4	4	4	4	4	4	4
Aug.	4	4	4	3	4	4	3	3	3	4	5
Sept.	5	4	5	5	5	4	4	6	3	5	5
Oct.	7	6	7	6	6	6	7	7	6	5	7
Nov.	11	12	14	12	12	8	10	13	9	8	13
Dec.	15	11	17	10	14	9	12	15	11	14	15
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 10										
Jan.	14	12	14	18	15	13	16	17	13	15	14
Feb.	17	13	30	9	13	11	10	10	11	12	13
Mar.	10	8	12	12	12	7	8	6	8	9	11
Apr.	8	6	12	5	5	6	7	5	8	5	6
May	5	4	5	7	5	6	6	6	5	5	7
June	5	4	5	5	5	4	4	4	4	5	5
July	5	5	6	4	4	6	4	5	5	5	6
Aug.	5	4	4	5	5	5	3	4	4	4	8
Sept.	5	5	6	5	5	5	5	7	5	5	7
Oct.	15	11	17	10	8	8	9	9	8	7	10
Nov.	16	14	20	13	16	12	13	21	23	13	18
Dec.	20	15	19	13	14	16	18	22	17	17	16

TABLE V – SPELLS OF MODERATE SUN OR MORE

Each day has 3.1 hr. of sun or more
Number of occasions per 10 years

	days								Longest spell	Rating	Percentage of area mean
	⩾ 3	⩾ 6	⩾ 9	⩾ 12	⩾ 15	⩾ 18	⩾ 21	⩾ 24	days		%
BATH											
Jan.	5.5	1.5	..	..	..	..	..	..	6	27.5	93
Feb.	11.7	0.5	0.5	..	..	..	..	..	11	42.0	89
Mar.	20.5	4.7	1.5	..	..	..	..	..	11	91.5	87
Apr.	21.5	8.3	3.0	0.5	0.5	..	..	..	15	111	88
May	28.0	11.3	6.7	1.7	0.5	..	..	..	16	148	97
June	39.5	14.3	6.0	3.0	2.3	1.7	1.3	0.3	30(½)	174	105
July	28.3	11.0	3.7	3.7	2.3	0.7	0.3	0.3	30(½)	158	106
Aug.	29.0	11.0	5.5	2.5	1.5	0.5	..	..	18	152	99
Sept.	23.0	9.5	4.5	2.0	0.5	..	..	..	15	129	101
Oct.	22.5	2.5	0.5	..	..	..	..	..	9	78.5	95
Nov.	9.0	..	..	..	..	..	..	..	5	31.0	98
Dec.	1.5	..	..	..	..	..	..	..	3	13.3	64
Year	..	..	..	..	..	..	..	..	30	1,156	97
BOSCOMBE DOWN											
Jan.	5.7	1.4	..	..	..	..	..	..	7	27.0	92
Feb.	13.6	2.1	0.7	..	..	..	..	..	9	45.0	96
Mar.	21.4	6.4	3.6	..	..	..	..	..	11	109	104
Apr.	25.7	12.9	2.1	0.7	0.7	..	..	..	16	120	95
May	25.0	15.7	8.6	3.6	1.4	0.7	..	..	18	164	107
June	29.6	12.9	7.9	5.7	3.6	2.9	0.7	..	21	181	110
July	25.0	10.4	6.1	3.9	1.4	..	..	..	17	150	100
Aug.	29.6	14.3	6.1	3.9	1.4	1.4	..	..	19	163	106
Sept.	20.7	11.8	3.6	1.4	0.7	..	..	..	15	131	102
Oct.	20.0	2.1	..	..	..	..	..	..	6	73.5	89
Nov.	8.6	..	..	..	..	..	..	..	4	30.5	97
Dec.	3.6	..	..	..	..	..	..	..	5	26.0	125
Year	..	..	..	..	..	..	..	..	21	1,220	101
BRISTOL											
Jan.	9.5	1.0	..	..	..	..	..	..	6	33	114
Feb.	8.5	1.0	..	..	..	..	..	..	7	47	100
Mar.	22.5	5.0	2.0	1.0	..	..	..	..	12	100	95
Apr.	26.0	15.0	4.0	1.0	1.0	..	..	..	15	128	101
May	27.0	14.0	5.0	2.0	1.0	..	..	..	16	160	104
June	29.5	13.5	9.0	4.0	3.0	1.0	..	..	23	171	104
July	23.5	10.5	3.0	1.0	..	..	..	..	13	148	99
Aug.	32.0	9.0	4.0	2.0	2.0	1.0	..	..	19	143	93
Sept.	26.0	10.0	3.0	1.0	1.0	..	..	..	15	130	102
Oct.	19.0	4.0	1.0	..	..	..	..	..	9	76.5	93
Nov.	4.0	..	..	..	..	..	..	..	5	22.1	70
Dec.	3.0	..	..	..	..	..	..	..	4	16.5	79
Year	..	..	..	..	..	..	..	..	23	1,175	98

TABLE V - continued

	days								Longest spell	Rating	Percentage of area mean
	⩾ 3	⩾ 6	⩾ 9	⩾ 12	⩾ 15	⩾ 18	⩾ 21	⩾ 24	days		%
CANNINGTON											
Jan.	6.7	1.1	..	..	..	..	..	..	6	28.5	97
Feb.	11.9	1.1	0.6	0.6	..	..	..	..	13	42.5	90
Mar.	24.4	7.5	2.2	..	..	..	..	..	11	106	101
Apr.	25.0	8.3	2.5	0.6	0.6	..	..	..	16	121	96
May	28.6	14.7	4.2	1.7	1.7	0.6	0.6	..	21	161	105
June	25.6	11.9	6.1	3.9	2.8	1.1	0.6	..	23	157	95
July	27.8	12.5	6.7	3.9	3.3	1.1	..	..	20	170	114
Aug.	30.8	12.2	5.6	2.8	2.8	1.1	..	..	19	165	109
Sept.	27.2	7.2	2.8	1.1	0.6	..	..	..	16	134	105
Oct.	22.2	3.9	0.6	..	..	..	..	..	10	85	103
Nov.	7.5	0.6	..	..	..	..	..	..	7	29.5	94
Dec.	4.4	..	..	..	..	..	..	..	4	22.5	108
Year	..	..	..	..	..	..	..	..	23	1,222	102
CULLOMPTON											
Jan.	8.0	2.0	..	..	..	..	..	..	7	30.5	103
Feb.	10.0	0.7	0.7	0.7	..	..	..	..	13	46.0	98
Mar.	22.3	5.0	0.7	..	..	..	..	..	11	96	91
Apr.	25.7	9.7	2.7	..	..	..	..	..	11	125	99
May	26.0	12.0	4.7	2.0	1.3	0.7	0.7	..	21	138	90
June	28.7	11.0	4.7	3.3	3.3	2.7	1.3	0.7	25	170	103
July	23.3	9.7	5.3	3.3	0.6	..	..	..	15	145	97
Aug.	27.7	8.0	5.3	2.7	..	..	..	..	13	144	95
Sept.	25.7	9.3	2.0	0.7	..	..	..	..	14	120	94
Oct.	20.7	4.7	..	..	..	..	..	..	8	86.5	105
Nov.	6.7	..	..	..	..	..	..	..	5	32.5	103
Dec.	5.3	..	..	..	..	..	..	..	5	25.5	122
Year	..	..	..	..	..	..	..	..	25	1,159	97
ELLBRIDGE											
Jan.	10.0	0.6	..	..	..	..	..	..	7	36.5	127
Feb.	16.7	2.2	..	..	..	..	..	..	7	57.5	124
Mar.	25.6	9.4	2.8	1.7	0.6	0.6	0.6	..	22	128	124
Apr.	26.7	10.6	3.3	1.1	1.1	..	..	..	16	137	109
May	27.8	12.2	5.0	2.8	1.7	0.6	0.6	..	21	150	98
June	26.4	13.1	7.2	6.1	3.3	2.8	1.1	..	23	185	112
July	26.7	11.1	3.9	2.2	2.2	1.1	..	..	20	147	98
Aug.	31.9	10.3	5.0	1.7	0.6	0.6	0.6	0.6	26	157	103
Sept.	27.2	7.8	3.3	1.7	1.1	..	..	..	15	132	103
Oct.	24.2	3.9	0.6	..	..	..	..	..	9	94	114
Nov.	8.3	2.2	..	..	..	..	..	..	8	42	133
Dec.	5.6	0.6	..	..	..	..	..	..	6	28	135
Year	..	..	..	..	..	..	..	..	26	1,294	108

TABLE V - continued

	days								Longest spell	Rating	Percentage of area mean
	⩾ 3	⩾ 6	⩾ 9	⩾ 12	⩾ 15	⩾ 18	⩾ 21	⩾ 24	days		%
GULVAL											
Jan.	4.5	..	..	..	..	..	..	..	5	26.5	90
Feb.	11.0	0.5	..	..	..	..	..	..	7	41.5	88
Mar.	24.7	7.0	2.0	0.5	..	..	..	..	13	109	104
Apr.	28.3	11.0	4.0	2.0	0.5	..	..	..	15	139	110
May	25.3	12.0	7.5	3.0	2.0	1.5	1.5	1.0	28	167	109
June	29.0	10.7	3.0	2.0	1.5	1.5	..	..	20	147	89
July	30.7	9.7	4.0	3.5	2.0	0.5	..	..	18	163	109
Aug.	31.7	13.5	4.5	2.0	0.5	..	..	..	16	163	107
Sept.	29.0	10.0	2.5	1.5	1.5	0.5	0.5	..	22	145	113
Oct.	23.3	4.5	..	..	..	..	..	..	8	94.5	115
Nov.	8.5	..	..	..	..	..	..	..	5	40.5	129
Dec.	5.0	1.0	..	..	..	..	..	..	6	22.8	107
Year	..	..	..	..	..	..	..	..	28	1,258	105
ILFRACOMBE											
Jan.	7.0	1.0	0.5	..	..	..	..	..	9	28.5	97
Feb.	12.0	..	..	..	..	..	..	..	5	39.0	83
Mar.	23.7	7.8	1.5	0.5	..	..	..	..	12	103	98
Apr.	26.3	12.3	3.0	..	..	..	..	..	11	133	105
May	28.0	12.5	6.5	1.5	0.5	..	..	..	15	148	97
June	26.3	12.7	6.5	4.0	3.5	2.0	1.0	0.5	25	174	105
July	25.7	10.7	5.5	3.0	1.0	0.5	..	..	18	148	99
Aug.	30.3	12.3	5.0	2.0	1.0	0.5	..	..	19	159	104
Sept.	27.0	9.3	2.5	1.0	..	..	..	..	13	124	97
Oct.	18.3	3.5	1.5	0.5	..	..	..	..	13	76	92
Nov.	5.0	0.5	..	..	..	..	..	..	6	23.7	75
Dec.	1.5	..	..	..	..	..	..	..	5	9.3	45
Year	..	..	..	..	..	..	..	..	25	1,165	98
NEWQUAY											
Jan.	5.0	0.5	..	..	..	..	..	..	6	27.0	92
Feb.	12.5	3.0	1.5	1.0	..	..	..	..	13	61.0	130
Mar.	26.0	3.5	2.5	1.0	0.5	..	..	..	16	118	112
Apr.	20.0	10.5	4.0	1.5	1.5	..	..	..	16	137	109
May	27.3	13.0	6.0	3.5	1.5	0.5	0.5	..	21	165	108
June	24.5	11.3	3.5	2.0	1.5	1.5	1.0	1.0	25	145	88
July	24.5	8.0	4.0	3.5	2.5	1.0	0.5	0.5	24	141	94
Aug.	32.7	12.3	5.5	1.5	1.0	0.5	..	..	18	163	107
Sept.	25.7	7.7	1.7	0.7	0.5	..	..	..	16	113	88
Oct.	18.5	5.0	0.5	..	..	..	..	..	10	85	103
Nov.	9.0	..	..	..	..	..	..	..	4	37.5	119
Dec.	4.5	0.5	..	..	..	..	..	..	6	22.3	107
Year	..	..	..	..	..	..	..	..	25	1,215	101

TABLE V – continued

	days								Longest spell	Rating	Percentage of area mean
	⩾ 3	⩾ 6	⩾ 9	⩾ 12	⩾ 15	⩾ 18	⩾ 21	⩾ 24	days		%
						NEWTON ABBOT					
Jan.	6.7	1.0	..	..	..	..	..	..	8	31.0	105
Feb.	13.5	1.0	0.5	..	..	..	..	..	9	51.0	108
Mar.	20.7	7.7	2.0	1.0	..	..	..	..	13	100	95
Apr.	27.3	10.3	4.0	1.0	0.5	..	..	..	15	134	106
May	26.3	12.7	4.5	2.0	1.0	1.0	0.5	..	23	151	99
June	29.5	11.7	6.5	5.0	2.0	1.0	0.5	0.5	24	169	102
July	22.3	9.0	6.0	3.5	2.0	1.0	0.5	0.5	24	142	95
Aug.	34.3	13.0	3.5	1.0	0.5	..	..	..	16	155	102
Sept.	24.7	8.7	4.0	2.0	1.0	0.5	0.5	..	21	132	103
Oct.	25.0	6.3	0.5	..	..	..	..	..	9	97.5	118
Nov.	9.0	0.5	..	..	..	..	..	..	6	36.0	114
Dec.	4.7	..	..	..	..	..	..	..	4	25.5	122
Year	..	..	..	..	..	..	..	..	24	1,224	102
						PARKEND					
Jan.	8.7	0.7	0.7	..	..	..	..	..	9	30.5	103
Feb.	10.0	2.0	..	..	..	..	..	..	7	43.0	91
Mar.	22.7	4.0	1.3	0.7	..	..	..	..	13	98	93
Apr.	22.0	8.7	2.7	0.7	0.7	..	..	..	15	102	81
May	23.0	9.3	4.0	0.7	0.7	..	..	..	16	133	87
June	30.3	10.0	5.3	3.3	1.3	1.3	..	..	18	147	89
July	24.3	8.0	3.3	0.7	0.7	0.7	..	..	20	133	89
Aug.	28.3	10.3	3.3	1.3	..	..	..	..	13	132	87
Sept.	24.3	7.0	2.0	0.7	0.7	..	..	..	16	121	94
Oct.	15.3	1.3	..	..	..	..	..	..	7	61	74
Nov.	4.7	..	..	..	..	..	..	..	4	20.7	66
Dec.	2.7	..	..	..	..	..	..	..	3	17.3	83
Year	..	..	..	..	..	..	..	..	20	1,038	87

TABLE VI - DAYS OF MODERATE SUN OR MORE

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced EVERY YEAR											
Jan.	..	..	2	..	..	..	..	..	..	..	..
Feb.	..	..	2	2	2	2	2	2	2	..	2
Mar.	2	3	4	4	3	5	2	2	3	2	3
Apr.	2	3	4	3	4	4	4	3	4	4	2
May	4	6	5	6	4	3	3	3	7	3	4
June	4	5	4	4	5	5	3	4	3	4	4
July	4	4	4	3	3	3	3	2	4	3	3
Aug.	3	4	4	4	3	4	4	3	4	3	3
Sept.	2	3	4	4	3	4	4	2	3	4	3
Oct.	2	2	2	3	2	3	3	2	2	3	2
Nov.	..	..	..	..	..	..	..	..	..	2	..
Dec.	..	..	..	..	..	..	..	..	..	..	2
LENGTH OF SPELLS at least one of which has been experienced 9 YEARS OUT OF 10											
Jan.	2	2	2	2	..	..	2	..	2	2	..
Feb.	2	2	2	2	2	3	2	3	2	2	2
Mar.	3	3	4	4	3	5	4	3	5	5	3
Apr.	4	3	4	4	4	5	5	4	5	5	4
May	4	7	6	6	6	4	4	4	7	6	4
June	6	6	5	7	5	5	6	5	6	5	5
July	5	4	4	5	3	4	5	3	4	4	3
Aug.	4	6	5	5	4	5	5	6	6	5	3
Sept.	4	4	4	5	5	4	4	4	4	5	4
Oct.	3	3	3	3	3	3	4	3	4	4	2
Nov.	..	..	..	..	..	..	2	..	2	2	..
Dec.	..	2	..	..	..	2	..	..	..	..	2
LENGTH OF SPELLS at least one of which has been experienced 3 YEARS OUT OF 4											
Jan.	2	2	2	2	2	2	2	2	2	2	2
Feb.	3	2	2	3	3	3	3	3	3	3	2
Mar.	4	4	4	5	4	6	5	5	6	5	4
Apr.	5	4	7	4	5	5	7	6	6	6	4
May	8	8	7	7	7	7	7	7	7	7	6
June	7	7	7	7	6	7	6	7	7	7	6
July	6	5	6	7	4	6	5	6	5	4	4
Aug.	6	6	6	7	5	6	6	7	7	6	5
Sept.	5	5	4	5	5	5	6	6	5	5	5
Oct.	3	4	3	4	3	4	4	3	4	4	3
Nov.	2	2	..	2	2	2	2	2	2	3	..
Dec.	..	2	..	2	2	2	2	..	2	2	2

TABLE VI - continued

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 2											
Jan.	3	3	3	3	3	3	2	2	2	2	3
Feb.	3	3	3	3	3	4	3	3	4	3	3
Mar.	5	6	6	7	5	8	6	7	6	6	4
Apr.	7	6	8	8	8	8	8	7	8	8	7
May	9	10	10	8	9	8	10	10	10	10	8
June	10	12	11	10	7	14	8	10	8	10	9
July	7	6	7	9	7	7	8	9	7	9	7
Aug.	9	11	7	9	7	8	8	9	9	7	7
Sept.	7	7	7	6	7	6	7	7	6	7	5
Oct.	5	5	5	4	4	5	5	4	5	6	3
Nov.	3	3	2	3	3	3	3	2	3	3	2
Dec.	2	2	2	2	3	2	3	2	2	2	2
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 4											
Jan.	3	3	5	3	4	3	3	3	3	3	4
Feb.	4	4	4	4	4	5	4	3	6	5	5
Mar.	6	9	8	8	7	10	8	8	7	8	8
Apr.	9	8	9	10	9	9	9	9	10	9	11
May	11	12	11	10	11	12	13	11	13	11	11
June	15	20	16	17	20	19	11	17	11	14	13
July	15	13	9	16	12	11	14	12	15	13	9
Aug.	13	13	10	16	12	10	11	11	11	10	10
Sept.	10	11	9	9	8	10	10	9	10	9	7
Oct.	6	5	7	6	7	6	6	6	7	7	5
Nov.	3	4	3	4	4	4	4	3	3	4	3
Dec.	2	3	3	3	3	3	3	2	3	3	3
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 10											
Jan.	6	6	6	6	6	5	4	6	4	6	5
Feb.	5	6	7	6	5	7	7	5	13	6	6
Mar.	11	11	12	11	8	13	10	11	13	12	10
Apr.	11	10	15	11	10	15	13	10	15	13	11
May	13	15	16	17	15	17	25	14	17	18	16
June	22	20	23	20	22	21	18	21	24	20	18
July	19	16	13	19	14	18	17	16	18	18	11
Aug.	17	19	19	19	13	13	14	16	15	15	13
Sept.	14	14	15	12	10	15	17	12	16	17	10
Oct.	8	6	9	7	7	7	8	11	8	8	6
Nov.	4	4	5	5	4	7	4	4	4	5	3
Dec.	3	4	4	3	5	5	6	3	4	4	3

TABLE VII - SPELLS OF SUNNY OR VERY SUNNY DAYS

Each day in spell has 6.1 hr. of sun or more
Number of occasions per 10 years

	days								Longest spell	Rating	Percentage of area mean
	⩾ 2	⩾ 3	⩾ 4	⩾ 5	⩾ 6	⩾ 9	⩾ 12	⩾ 15	days		%
BATH											
Jan.	2.0	0.5	0.5	..	..	..	..	..	4	3.0	107
Feb.	9.5	1.3	0.3	..	..	..	..	..	4	11.0	87
Mar.	18.7	9.0	5.0	3.7	3.3	0.5	..	..	9	41.5	85
Apr.	24.7	14.5	8.5	3.7	3.7	0.5	0.5	0.5	15	61.5	87
May	30.0	18.3	12.3	6.5	4.5	1.5	..	..	11	79	92
June	34.7	22.7	12.3	8.0	6.0	2.0	2.0	1.0	16	104	99
July	24.0	14.7	9.3	5.5	4.0	2.5	1.0	0.5	15	74	93
Aug.	34.3	20.7	14.3	9.3	5.7	0.5	..	..	9	89.5	104
Sept.	24.0	13.3	10.3	4.3	1.3	..	..	..	7	53.5	89
Oct.	15.5	5.5	3.0	1.0	..	..	..	..	5	25	97
Nov.	3.7	..	..	..	..	..	..	..	2	3.7	97
Dec.	0.0	..	..	..	..	..	..	..	1	0.0	0
Year	..	..	..	..	..	..	..	..	16	546	94
BOSCOMBE DOWN											
Jan.	5.0	2.1	..	..	..	..	..	..	3	5.9	210
Feb.	10.0	1.4	0.7	..	..	..	..	..	4	12.8	102
Mar.	24.2	11.8	7.5	5.4	3.2	0.7	..	..	9	52	106
Apr.	27.8	17.4	12.4	5.4	4.7	0.7	..	..	9	62	88
May	30.0	21.4	14.2	9.3	6.4	2.1	..	..	11	84	98
June	34.3	22.1	13.5	10.7	5.7	2.1	2.1	0.7	19	118	112
July	27.1	15.7	11.4	7.8	5.0	2.9	2.9	..	14	81.5	103
Aug.	36.7	23.2	16.7	9.3	5.0	..	..	..	8	85	99
Sept.	24.6	11.1	7.5	5.0	0.7	..	..	..	6	56	93
Oct.	12.1	3.6	2.1	0.7	..	..	..	..	5	19.0	74
Nov.	2.1	..	..	..	..	..	..	..	2	2.7	71
Dec.	2.1	..	..	..	..	..	..	..	2	2.1	193
Year	..	..	..	..	..	..	..	..	19	581	100
BRISTOL											
Jan.	0.0	..	..	..	..	..	..	..	1	0.0	0
Feb.	7.0	..	..	..	..	..	..	..	2	11.8	94
Mar.	21.5	10.5	6.5	4.5	2.5	..	..	..	6	40.5	83
Apr.	32.0	20.5	15.5	5.5	5.5	2.0	1.0	1.0	15	75	106
May	31.0	18.0	11.0	6.0	5.0	1.0	..	..	11	76.5	89
June	36.5	23.5	12.5	9.0	6.0	3.0	3.0	2.0	18	122	116
July	27.5	10.5	7.5	4.0	3.0	1.0	1.0	..	13	75	94
Aug.	33.0	20.0	14.0	10.0	6.0	..	..	..	8	82.5	96
Sept.	23.0	11.0	9.0	4.0	1.0	..	..	..	7	60	100
Oct.	15.0	3.0	2.0	..	..	..	..	..	4	25	97
Nov.	1.0	..	..	..	..	..	..	..	2	3.7	97
Dec.	0.0	..	..	..	..	..	..	..	1	0.0	0
Year	..	..	..	..	..	..	..	..	18	572	98

TABLE VII – continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 9	≥ 12	≥ 15	Longest spell	Rating	Percentage of area mean
									days		%
CANNINGTON											
Jan.	1.7	1.1	0.6	..	..	..	..	..	4	3.1	110
Feb.	5.0	0.8	0.3	..	..	..	..	..	4	6.0	48
Mar.	25.8	14.7	8.1	4.4	2.8	..	..	..	8	54	110
Apr.	26.5	14.7	11.9	6.7	5.6	1.1	..	..	10	75	106
May	33.8	19.6	11.9	6.7	5.0	0.6	..	..	11	82.5	96
June	35.5	25.8	14.1	7.8	6.7	1.7	..	..	10	94	90
July	31.8	18.0	11.9	6.1	4.4	1.7	1.1	0.6	17	90	113
Aug.	38.1	21.1	14.4	11.1	4.4	0.6	..	..	10	92.5	108
Sept.	22.8	13.3	6.7	4.4	2.2	0.6	0.6	..	12	56.5	94
Oct.	14.2	5.0	0.6	..	..	..	..	..	4	20	78
Nov.	3.1	..	..	..	..	..	..	..	2	3.2	84
Dec.	0.0	..	..	..	..	..	..	..	1	0.0	0
Year	..	..	..	..	..	..	..	..	17	577	99
CULLOMPTON											
Jan.	2.0	0.7	..	..	..	..	..	..	3	2.3	82
Feb.	9.3	..	..	..	..	..	..	..	2	10.1	80
Mar.	24.7	13.3	6.0	5.3	0.7	..	..	..	6	49	100
Apr.	23.7	14.0	12.0	5.7	4.3	0.7	..	..	9	61	86
May	32.0	17.7	10.3	7.3	5.3	1.0	0.3	..	12	73	85
June	32.7	22.0	12.0	8.3	6.3	1.7	0.3	..	12	89	85
July	24.3	17.0	9.0	6.0	3.3	2.0	1.3	..	13	77	97
Aug.	33.7	18.7	14.0	7.3	3.3	0.7	..	..	9	78.5	91
Sept.	31.7	8.7	4.7	1.3	0.7	0.7	0.7	..	12	46.5	78
Oct.	14.3	5.3	1.3	..	..	..	..	..	4	20.8	81
Nov.	1.7	..	..	..	..	..	..	..	2	1.9	50
Dec.	0.0	..	..	..	..	..	..	..	1	0.0	0
Year	..	..	..	..	..	..	..	..	13	509	87
ELLBRIDGE											
Jan.	3.3	1.1	..	..	..	..	..	..	3	3.9	139
Feb.	12.8	2.5	0.3	..	..	..	..	..	4	15.2	120
Mar.	26.1	11.4	9.2	5.0	3.9	0.6	..	..	9	53.5	110
Apr.	26.7	19.4	11.7	7.8	5.0	1.1	0.6	..	14	78	110
May	28.9	19.4	11.1	10.0	7.8	1.7	..	..	11	86	100
June	38.1	22.2	16.1	8.9	5.0	2.2	1.7	0.6	22	105	100
July	31.1	18.9	9.4	5.0	3.9	2.8	0.6	0.6	17	84	106
Aug.	33.1	16.1	10.0	6.1	5.0	1.7	0.6	..	12	76.5	89
Sept	29.7	17.2	12.2	5.0	2.8	1.1	..	..	10	74	123
Oct.	18.3	5.6	2.8	1.1	0.6	..	..	..	6	29	112
Nov.	4.2	1.1	..	..	..	..	..	..	3	5.5	145
Dec.	2.2	..	..	..	..	..	..	..	2	2.0	184
Year	..	..	..	..	..	..	..	..	22	613	105

TABLE VII – continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 9	≥ 12	≥ 15	Longest spell	Rating	Percentage of area mean
									days		%
GULVAL											
Jan.	1.0	0.5	..	..	..	..	..	..	3	1.5	54
Feb.	8.7	4.0	1.5	0.5	..	..	..	..	5	14.7	116
Mar.	24.7	10.5	4.0	2.5	2.5	0.5	..	..	9	47.5	97
Apr.	33.0	18.3	13.3	8.5	4.5	0.5	..	..	9	83	118
May	36.5	24.3	13.7	10.0	6.0	3.5	1.0	0.5	15	109	127
June	35.0	23.5	15.0	10.5	7.5	2.7	1.0	..	13	111	106
July	37.0	20.3	11.3	5.7	4.3	2.0	1.0	0.5	15	92.5	116
Aug.	38.7	22.5	14.5	9.0	6.0	2.0	0.3	..	12	103	120
Sept.	31.7	18.7	11.7	4.3	1.3	0.7	0.3	..	12	71.5	119
Oct.	20.3	8.5	3.5	1.5	1.0	..	..	..	7	35.5	138
Nov.	5.7	1.5	0.5	..	..	..	..	..	4	7.7	202
Dec.	2.0	0.5	..	..	..	..	..	..	3	2.5	230
Year	..	..	..	..	..	..	..	..	15	679	116
ILFRACOMBE											
Jan.	2.0	1.0	..	..	..	..	..	..	3	3.0	107
Feb.	7.3	3.0	1.0	..	..	..	..	..	4	11.3	90
Mar.	24.0	11.5	6.0	4.5	2.0	..	..	..	8	50	102
Apr.	31.5	15.5	10.5	6.0	4.0	..	..	..	8	69	98
May	32.7	21.0	13.5	9.5	6.5	1.0	..	..	10	90.5	105
June	35.0	24.5	17.0	11.3	8.3	1.3	0.7	0.3	16(½)	107	102
July	29.5	14.5	7.0	5.3	4.3	2.3	1.3	0.3	16(½)	78	96
Aug.	37.3	21.0	11.5	6.5	4.5	2.0	..	..	11	89.5	104
Sept.	30.7	14.7	7.7	2.5	1.0	..	..	..	7	57.5	96
Oct.	14.3	5.7	2.7	1.0	0.5	0.5	..	..	10	26.5	103
Nov.	4.3	..	..	..	..	..	..	..	2	4.3	113
Dec.	1.0	..	..	..	..	..	..	..	2	1.0	92
Year	..	..	..	..	..	..	..	..	16	586	101
NEWQUAY											
Jan.	2.0	..	..	..	..	..	..	..	2	2.0	71
Feb.	12.3	4.3	1.7	0.5	..	..	..	..	5	18.7	148
Mar.	26.0	12.3	7.7	5.0	2.5	0.5	..	..	9	55.5	114
Apr.	30.5	17.5	11.0	7.0	4.5	1.5	..	..	10	77.5	110
May	33.7	23.5	14.5	10.5	7.5	2.5	0.5	0.5	18	106	123
June	34.5	25.3	19.3	12.3	6.7	1.7	0.7	0.5	18	116	110
July	29.7	17.0	8.0	4.7	3.7	2.7	1.3	..	14	79.5	100
Aug.	37.0	20.7	11.7	8.3	5.7	1.3	0.3	..	12(½)	88	102
Sept.	31.7	16.3	9.3	4.3	2.3	0.7	0.3	..	12(½)	68.5	114
Oct.	18.0	7.0	3.0	1.5	1.5	0.5	..	..	9	38.5	149
Nov.	3.7	..	..	..	..	..	..	..	2	3.7	97
Dec.	2.0	0.5	..	..	..	..	..	..	3	2.5	230
Year	..	..	..	..	..	..	..	..	18	656	113

TABLE VII – continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 9	≥ 12	≥ 15	Longest spell	Rating	Percentage of area mean
									days		%
					NEWTON ABBOT						
Jan.	4.0	1.0	..	..	..	..	..	..	3	5.0	178
Feb.	11.3	2.0	0.5	..	..	..	..	..	4	13.7	109
Mar.	26.3	11.5	6.0	4.0	2.0	..	..	..	8	51.5	105
Apr.	29.3	17.0	12.5	5.5	4.5	1.5	0.5	..	12	79.5	112
May	31.3	19.5	11.5	7.5	5.5	1.5	0.5	..	13	84.5	98
June	36.5	18.7	11.7	9.3	6.3	2.3	1.0	0.5	22	103	98
July	30.3	15.7	8.7	6.3	5.3	1.3	1.0	..	14	78.5	99
Aug.	32.7	19.5	12.5	7.0	4.5	1.0	..	..	10	82.5	96
Sept.	27.5	16.3	10.3	6.5	2.5	1.0	..	..	10	67.5	112
Oct.	15.3	6.7	4.7	0.5	..	..	..	..	5	27.5	107
Nov.	4.3	0.5	..	..	..	..	..	..	3	4.7	124
Dec.	0.5	0.5	..	..	..	..	..	..	3	1.0	92
Year	..	..	..	..	..	..	..	..	22	599	103
					PARKEND						
Jan.	0.7	..	..	..	..	..	..	..	2	0.6	21
Feb.	8.0	2.7	1.3	..	..	..	..	..	4	12.8	102
Mar.	20.0	9.7	5.7	3.0	1.7	0.7	..	..	9	41.5	85
Apr.	25.3	13.3	8.0	3.3	2.7	0.7	0.7	0.7	15	54	77
May	28.3	15.3	11.3	5.3	4.0	0.7	..	..	11	66	80
June	29.3	22.0	11.3	6.3	4.3	2.0	0.7	0.7	16	90	86
July	27.7	13.0	7.7	4.0	2.7	2.0	1.3	1.3	18	68.5	86
Aug.	30.7	19.3	16.7	9.3	4.0	1.3	..	..	10	79	92
Sept.	18.7	9.3	6.7	4.0	2.0	..	..	..	8	50	83
Oct.	14.0	1.3	0.7	..	..	..	..	..	4	17.1	66
Nov.	0.7	..	..	..	..	..	..	..	2	1.0	26
Dec.	0.7	..	..	..	..	..	..	..	2	0.7	64
Year	..	..	..	..	..	..	..	..	18	481	83

TABLE VIII - SUNNY OR VERY SUNNY DAYS

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Ellbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced EVERY YEAR											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	..	2	..	2	2	2	..	..	2	2	2
Apr.	2	2	3	2	2	3	2	2	..	2	..
May	3	4	3	2	3	3	3	2	2	2	2
June	2	3	3	4	3	3	3	4	3	2	3
July	..	..	2	2	2	..	2	..	2	2	..
Aug.	3	3	2	3	2	3	3	3	3	2	2
Sept.	..	..	2	2	..	..	3	2	2	..	..
Oct.	..	..	..	..	..	..	..	..	2	..	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 9 YEARS OUT OF 10											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	2	2	2	2	2	2	2	2	2	2	2
Apr.	2	2	4	2	2	3	3	2	3	4	2
May	3	4	3	3	3	3	3	3	3	3	2
June	3	4	4	4	3	3	4	4	4	3	3
July	2	2	2	3	2	2	3	2	2	2	2
Aug.	3	3	2	3	2	3	4	3	3	3	2
Sept.	2	2	2	2	2	3	3	2	2	3	2
Oct.	2	..	2	..	2	..	2	..	2	..	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 3 YEARS OUT OF 4											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	2	3	3	3	2	2	3	2	3	2	2
Apr.	3	2	4	3	4	2	4	3	3	4	2
May	4	5	4	4	4	3	4	4	4	3	4
June	4	5	4	4	3	5	5	5	5	4	4
July	3	2	2	3	3	4	3	3	3	3	2
Aug.	4	4	3	3	3	3	5	3	3	4	4
Sept.	3	3	4	3	2	4	4	2	3	3	2
Oct.	2	2	2	2	2	4	2	2	2	2	2
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..

TABLE VIII - continued

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 2										
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	2	2	2	..	2	2	2	2	2	2	..
Mar.	3	4	5	4	3	4	3	4	4	4	4
Apr.	4	4	6	5	5	5	5	5	5	4	4
May	6	6	6	6	6	7	5	6	6	5	4
June	6	7	7	6	7	6	7	7	7	5	5
July	5	5	4	4	4	4	4	4	4	4	4
Aug.	6	6	6	5	5	6	6	5	5	5	5
Sept.	4	4	4	3	3	4	4	4	4	5	4
Oct.	2	2	2	2	3	3	3	2	3	3	2
Nov.	..	..	..	..	..	..	2	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 4										
Jan.	..	2	..	..	..	2	..	..	..	2	..
Feb.	2	2	2	2	2	3	3	3	3	2	2
Mar.	6	6	6	5	5	6	6	5	6	5	5
Apr.	6	6	7	7	6	7	7	6	7	8	6
May	7	9	8	8	7	8	9	7	9	8	6
June	7	8	13	7	7	8	10	8	8	10	7
July	10	12	5	8	7	9	10	9	9	7	7
Aug.	7	6	7	7	7	8	8	7	6	7	6
Sept.	6	5	5	5	4	5	5	4	5	5	5
Oct.	4	3	3	3	3	4	4	4	4	4	2
Nov.	2	..	..	..	..	2	2	2	2	2	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
	LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 10										
Jan.	2	3	..	3	2	3	2	3	2	3	..
Feb.	3	3	2	3	2	3	4	4	4	3	3
Mar.	7	8	6	8	5	7	8	7	7	7	7
Apr.	8	7	15	10	7	10	8	7	10	11	7
May	9	9	11	11	10	10	12	10	10	10	7
June	15	13	18	10	10	12	12	16	12	13	11
July	14	13	13	14	12	11	13	14	14	10	15
Aug.	8	8	8	8	8	10	10	10	9	9	9
Sept.	6	5	7	8	5	10	6	6	7	10	7
Oct.	5	4	4	3	4	5	6	5	7	4	3
Nov.	2	2	2	2	2	3	3	2	2	2	..
Dec.	..	2	..	..	..	2	2	2	2	..	..

TABLE IX – SPELLS OF VERY SUNNY DAYS

Each day has 9.1 hr. of sun or more
Number of occasions per 10 years

	days								Longest spell	Rating	Percentage of area mean
	⩾ 2	⩾ 3	⩾ 4	⩾ 5	⩾ 6	⩾ 9	⩾ 12	⩾ 15	days		%
BATH											
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.7	..	..	..	..	..	..	..	2	0.7	155
Mar.	8.7	3.5	2.0	1.5	0.5	..	..	..	6	16.2	112
Apr.	12.3	5.5	4.5	1.0	1.0	..	..	..	7	25.3	80
May	21.0	10.0	4.0	3.0	2.0	0.5	..	..	11	43.0	96
June	20.7	12.5	5.0	3.5	2.5	0.5	..	..	9	47.5	81
July	15.5	9.5	4.5	3.5	2.5	1.0	..	..	10	40.5	101
Aug.	16.5	8.0	4.0	2.5	1.0	..	..	..	7	32.5	100
Sept.	10.3	5.5	2.0	0.5	..	..	..	..	5	18.3	116
Oct.	0.7	..	..	..	..	..	..	..	2	0.7	44
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0 0	..
Year	..	..	..	..	..	..	..	..	11	225	93
BOSCOMBE DOWN											
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	1	0.5	111
Mar.	7.5	2.1	0.7	0.7	..	..	..	..	5	11.3	79
Apr	16.0	9.2	5.7	1.4	0.7	..	..	..	6	27.0	84
May	20.7	12.1	4.3	2.1	2.1	0.7	..	..	11	40.0	89
June	22.2	11.4	7.2	5.0	3.6	0.7	0.7	..	13	60.5	103
July	18.5	10.0	5.0	3.6	2.9	1.4	..	..	9	45.5	113
Aug.	16.5	7.2	4.3	2.1	..	..	..	..	5	26.0	80
Sept.	7.1	3.6	2.1	2.1	..	..	..	..	5	14.1	89
Oct.	1.4	..	..	..	..	..	..	..	2	1.4	88
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	13	226	94
BRISTOL											
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	0	0.5	111
Mar.	6.0	2.0	..	..	..	..	..	..	3	7.6	53
Apr.	18.0	9.0	7.0	2.0	1.0	..	..	..	7	26.5	83
May	20.0	9.0	5.0	4.0	4.0	1.0	..	..	9	38.5	86
June	23.5	12.0	6.0	4.0	3.0	1.0	..	..	9	56.5	96
July	14.5	6.0	2.0	1.0	..	..	..	..	5	38.0	94
Aug.	18.0	8.0	5.0	3.0	1.0	..	..	..	6	31.0	95
Sept.	7.0	4.0	2.0	1.0	..	..	..	..	5	13.5	86
Oct.	1.0	..	..	..	..	..	..	..	2	0.7	44
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	9	213	89

TABLE IX - continued

	days ⩾ 2	⩾ 3	⩾ 4	⩾ 5	⩾ 6	⩾ 9	⩾ 12	⩾ 15	Longest spell	Rating	Percentage of area mean
									days		%
					CANNINGTON						
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	1	0.5	111
Mar.	6.9	2.8	2.2	1.1	..	..	..	..	5	11.6	81
Apr.	16.9	6.1	4.4	1.8	1.1	..	..	..	8	29.5	92
May	21.5	11.0	4.4	2.8	2.2	..	..	..	8	43.5	97
June	21.2	11.7	7.8	5.0	4.5	1.1	0.6	0.6	21	60.5	103
July	18.9	9.5	4.5	1.7	1.1	0.6	0.6	..	13	42.0	104
Aug.	19.0	9.5	3.4	1.7	1.1	..	..	..	6	32.0	99
Sept.	7.8	3.4	1.1	0.6	..	..	..	..	5	12.2	77
Oct.	0.0	..	..	..	..	..	..	..	1	0.0	0
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	21	232	96
					CULLOMPTON						
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	1	0.0	0
Mar.	7.3	4.0	2.0	0.7	..	..	..	..	5	15.2	106
Apr.	16.8	8.6	5.3	2.0	1.3	..	..	..	7	32.5	102
May	19.6	10.0	4.0	2.7	2.0	..	..	..	8	36.0	80
June	20.0	10.0	7.4	5.3	3.3	1.3	0.7	0.7	21	59.0	100
July	11.4	6.7	3.3	2.7	1.3	0.7	..	..	9	29.0	72
Aug.	18.7	10.7	2.0	..	..	..	..	..	4	27.5	85
Sept.	8.1	1.3	..	..	..	..	..	..	3	12.7	80
Oct.	0.7	..	..	..	..	..	..	..	2	0.9	56
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	21	213	89
					ELLBRIDGE						
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.5	..	..	..	..	..	..	..	2	0.5	111
Mar.	10.2	5.0	2.8	2.8	..	..	..	..	5	19.5	135
Apr.	16.6	8.9	7.2	2.8	1.8	..	..	..	7	36.5	114
May	19.3	9.7	4.7	4.2	2.5	1.4	0.6	0.6	17	49.0	109
June	26.1	15.4	8.6	4.7	2.5	0.3	..	..	10	65.5	111
July	18.1	8.3	3.3	2.2	2.2	0.6	0.6	..	12	40.5	101
Aug.	16.2	8.4	3.9	2.8	1.7	0.6	..	..	9	33.0	102
Sept.	14.0	6.7	1.7	1.1	0.6	..	..	..	7	25.0	158
Oct.	1.7	0.6	..	..	..	..	..	..	3	2.3	144
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	17	272	113

TABLE IX - continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 9	≥ 12	≥ 15	Longest spell	Rating	Percentage of area mean
									days		%
						GULVAL					
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.7	0.3	0.3	..	..	..	..	..	4	1.2	266
Mar.	7.7	3.3	2.3	1.0	0.5	..	..	..	6	14.8	103
Apr.	20.7	10.3	6.3	4.5	3.0	0.5	..	..	9	46.5	145
May	24.3	15.7	7.7	5.0	3.0	1.0	0.5	0.5	15	64.0	143
June	32.3	16.7	8.7	4.5	3.0	..	..	..	8	69.0	117
July	20.3	10.3	5.7	4.0	2.5	0.5	..	..	9	45.5	113
Aug.	20.5	9.5	4.5	3.0	2.0	0.5	..	..	9	42.5	131
Sept.	11.7	5.5	3.0	1.0	..	..	..	..	5	21.2	134
Oct.	3.3	0.5	..	..	..	..	..	..	3	3.8	238
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	15	309	128
						ILFRACOMBE					
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.5	..	..	..	..	..	..	..	2	0.5	111
Mar.	10.0	4.0	2.5	1.5	..	..	..	..	5	18.0	125
Apr.	16.5	10.3	5.7	1.3	0.7	..	..	..	8	35.5	111
May	21.0	7.3	5.3	3.7	2.7	..	..	..	8	41.5	93
June	28.0	13.7	9.3	6.5	4.5	1.0	0.5	0.5	19	73.5	125
July	15.0	9.3	6.3	4.0	2.5	1.0	0.5	..	12	42.5	105
Aug.	19.0	10.5	5.0	3.0	1.0	..	..	..	7	39.0	120
Sept.	8.0	4.5	1.5	..	..	..	..	..	4	14.0	89
Oct.	3.0	..	..	..	..	..	..	..	2	3.0	188
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	19	267	111
						NEWQUAY					
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.7	..	..	..	..	..	..	..	2	0.7	155
Mar.	8.3	4.0	2.5	2.5	1.0	..	..	..	6	18.3	127
Apr.	17.5	9.0	6.0	4.0	2.5	..	..	..	6	39.0	122
May	22.5	12.0	7.5	5.0	3.0	0.5	0.5	0.5	15	56.5	126
June	30.5	16.0	10.0	5.5	3.5	..	..	..	8	69.5	118
July	21.3	10.7	5.7	3.5	2.5	0.5	0.5	..	13	49.5	126
Aug.	18.7	10.7	3.3	2.0	0.5	..	..	..	6	35.0	108
Sept.	12.0	4.5	3.0	0.5	0.5	..	..	..	8	21.5	136
Oct.	2.5	0.5	..	..	..	..	..	..	3	3.0	188
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	15	293	122

TABLE IX - continued

	days ≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 9	≥ 12	≥ 15	Longest spell	Rating	Percentage of area mean
									days		%
					NEWTON ABBOT						
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	1	0.0	0
Mar.	10.5	3.0	1.5	1.0	..	..	..	..	5	16.0	111
Apr.	15.7	6.5	5.5	4.0	2.0	..	..	..	7	34.5	108
May	22.3	9.5	5.0	2.5	1.5	0.5	0.5	0.5	17	47.5	106
June	22.7	11.0	5.5	4.5	3.0	0.5	..	..	9	49.5	84
July	16.3	8.0	5.0	3.5	2.5	0.5	0.5	..	12	39.0	97
Aug.	17.0	9.5	5.0	1.5	0.5	..	..	..	8	34.5	106
Sept.	9.7	3.5	1.5	1.0	0.5	..	..	..	8	17.2	109
Oct.	1.7	..	..	..	..	..	..	..	2	1.7	107
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	17	240	100
					PARKEND						
Jan.	0.0	..	..	..	..	..	..	..	0	0.0	..
Feb.	0.0	..	..	..	..	..	..	..	0	0.5	111
Mar.	5.6	1.5	1.0	0.7	0.7	..	..	..	6	10.1	70
Apr.	12.9	5.0	3.0	1.3	1.3	..	..	..	6	20.0	63
May	16.7	6.0	4.0	2.0	2.0	0.7	..	..	11	32.5	73
June	14.4	7.3	4.0	2.7	2.7	0.7	..	..	9	35.0	60
July	13.0	4.7	2.7	2.7	0.7	0.7	0.7	..	12	30.0	75
Aug.	16.7	7.3	2.7	1.3	..	..	..	..	5	24.5	75
Sept.	4.7	2.7	1.3	..	..	..	..	..	4	8.8	56
Oct.	0.0	..	..	..	..	..	..	..	1	0.0	0
Nov.	0.0	..	..	..	..	..	..	..	0	0.0	..
Dec.	0.0	..	..	..	..	..	..	..	0	0.0	..
Year	..	..	..	..	..	..	..	..	12	161	67

TABLE X - VERY SUNNY DAYS

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Elbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced EVERY YEAR											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	..	1	..	1	..	..	1	..	1	1	..
Apr.	1	..	1	2	1	1	1	1	1	1	1
May	1	2	2	1	1	1	2	1	2	1	1
June	1	1	2	2	1	2	2	2	2	2	1
July	1	1	1	1	1	1	2	1	1	1	1
Aug.	1	1	2	1	2	1	2	1	1	..	2
Sept.	..	1	..	1	1	1	1	..	1	1	..
Oct.	..	..	..	..	..	..	..	..	..	..	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 9 YEARS OUT OF 10											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	1	1	1	1	1	1	1	1	1	1	..
Apr.	1	1	1	2	1	1	2	2	1	1	1
May	1	2	2	2	2	1	2	1	2	2	1
June	2	2	2	2	2	2	2	2	3	2	2
July	1	1	1	1	1	1	2	1	2	1	1
Aug.	2	2	2	1	2	1	2	2	2	1	2
Sept.	1	1	1	1	1	1	1	1	1	1	1
Oct.	..	..	..	..	..	..	1	..	..	..	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 3 YEARS OUT OF 4											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	1	1	1	1	1	2	1	1	1	1	1
Apr.	1	2	2	2	2	2	2	3	2	2	1
May	2	3	2	3	3	2	3	2	3	2	2
June	3	3	2	3	2	3	3	3	4	3	2
July	1	2	2	1	1	2	2	2	2	1	1
Aug.	2	2	2	2	2	2	2	2	2	2	2
Sept.	1	1	1	1	1	2	1	1	1	1	1
Oct.	..	..	..	..	..	1	1	..	1	1	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..

TABLE X - continued

	Bath	Boscombe Down	Bristol	Cannington	Cullompton	Ellbridge	Gulval	Ilfracombe	Newquay	Newton Abbot	Parkend
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 2											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	..	..	..	..	..
Mar.	2	2	2	2	2	2	2	2	1	2	1
Apr.	2	4	4	3	4	3	3	3	3	2	2
May	3	4	4	3	3	3	4	4	4	3	2
June	4	4	4	5	4	5	4	5	4	4	3
July	3	3	2	3	2	3	3	3	3	2	2
Aug.	3	3	3	3	3	3	3	3	3	3	3
Sept.	2	2	2	2	2	2	2	2	2	2	1
Oct.	1	..	1	1	1	1	1	1	1	1	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 4											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	1	1	..	..	1	1	1	..	..	1	..
Mar.	3	2	2	2	3	5	3	4	5	3	2
Apr.	4	4	4	4	4	5	6	4	6	5	3
May	5	6	6	6	6	6	7	6	6	5	4
June	6	7	6	6	7	6	7	8	7	6	6
July	7	6	3	4	5	4	5	6	7	6	3
Aug.	4	4	4	4	3	5	5	5	4	4	4
Sept.	3	3	3	3	2	3	4	3	4	3	2
Oct.	1	1	1	1	1	1	2	2	2	1	..
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..
LENGTH OF SPELLS at least one of which has been experienced 1 YEAR OUT OF 10											
Jan.	..	..	..	..	..	..	..	..	..	..	..
Feb.	1	1	..	1	1	1	2	1	1	1	..
Mar.	5	3	3	5	4	5	5	5	6	5	4
Apr.	7	5	7	6	6	6	6	5	6	7	6
May	7	7	9	8	8	9	10	7	9	8	7
June	8	8	9	9	9	7	8	10	8	7	8
July	9	9	5	6	7	7	7	9	8	7	5
Aug.	6	5	6	6	4	7	8	6	5	5	5
Sept.	4	5	5	4	3	5	5	4	4	5	4
Oct.	1	2	2	1	1	2	2	2	2	2	1
Nov.	..	..	..	..	..	..	..	..	..	..	..
Dec.	..	..	..	..	..	..	..	..	..	..	..

TABLE XI

	Sunless spells	Little or no sun spells	Moderate sun or more spells	Sunny or very sunny spells	Very sunny spells
Bath	very poor	poor	average	poor	poor
Boscombe Down	average	average	average	average	poor
Bristol	very poor	poor	average	average	poor
Cannington	good	average	average	average	average
Cullompton	average	average	average	poor	poor
Ellbridge	very good	good	good	good	good
Gulval	good	good	good	very good	very good
Ilfracombe	very poor	poor	average	average	good
Newquay	very good	good	average	good	very good
Newton Abbot	good	good	average	average	average
Parkend	poor	poor	poor	very poor	very poor

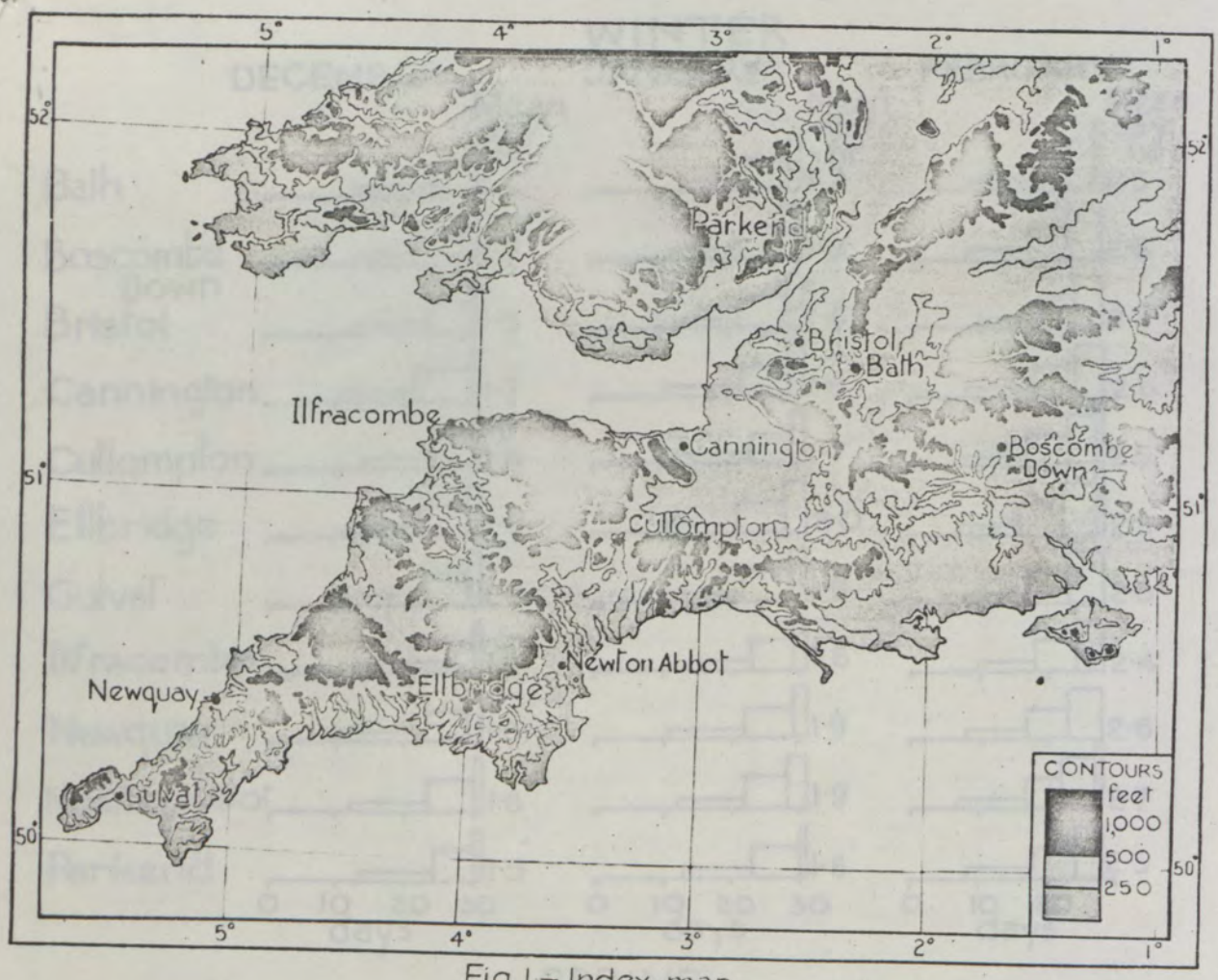


Fig. 1 – Index map

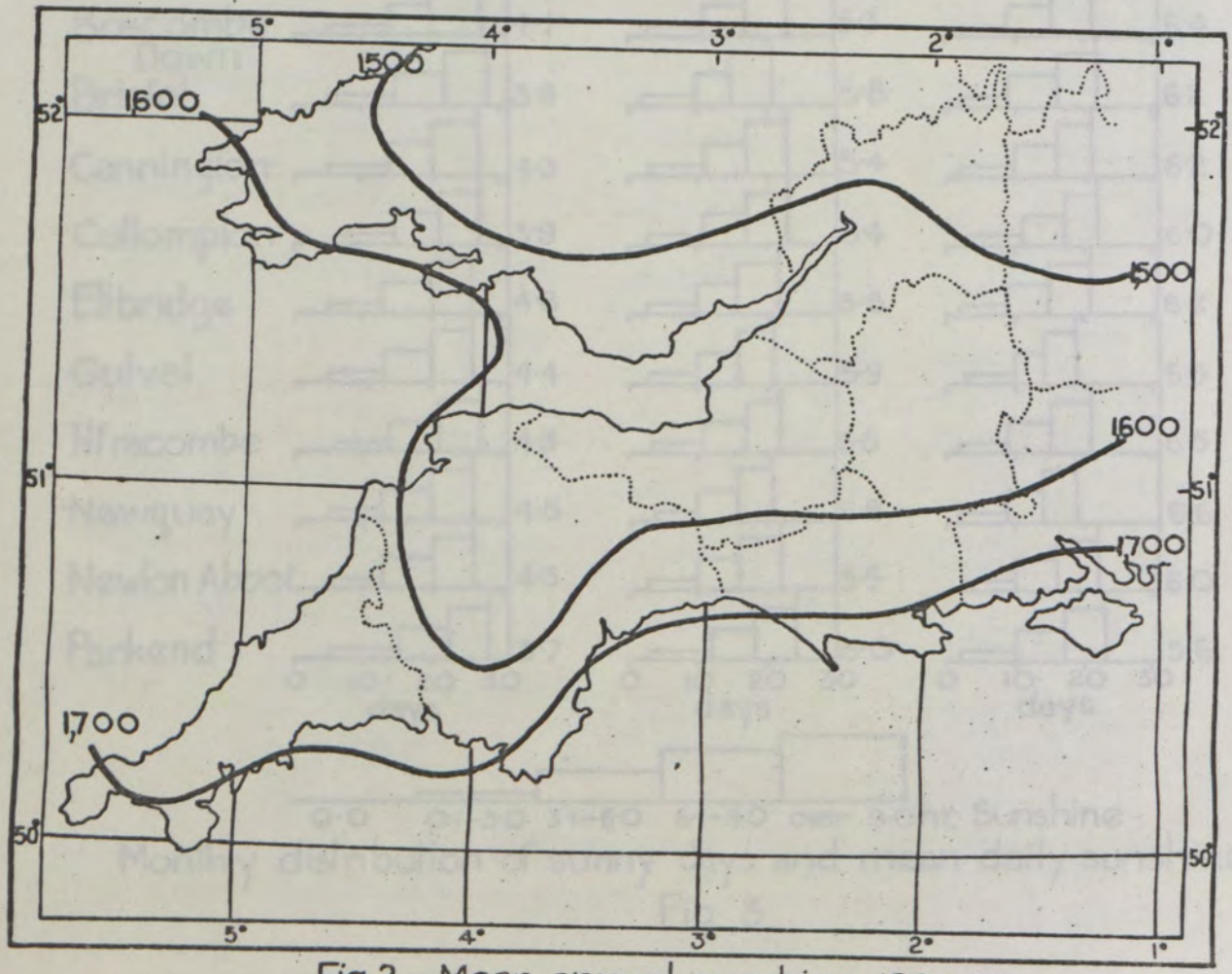
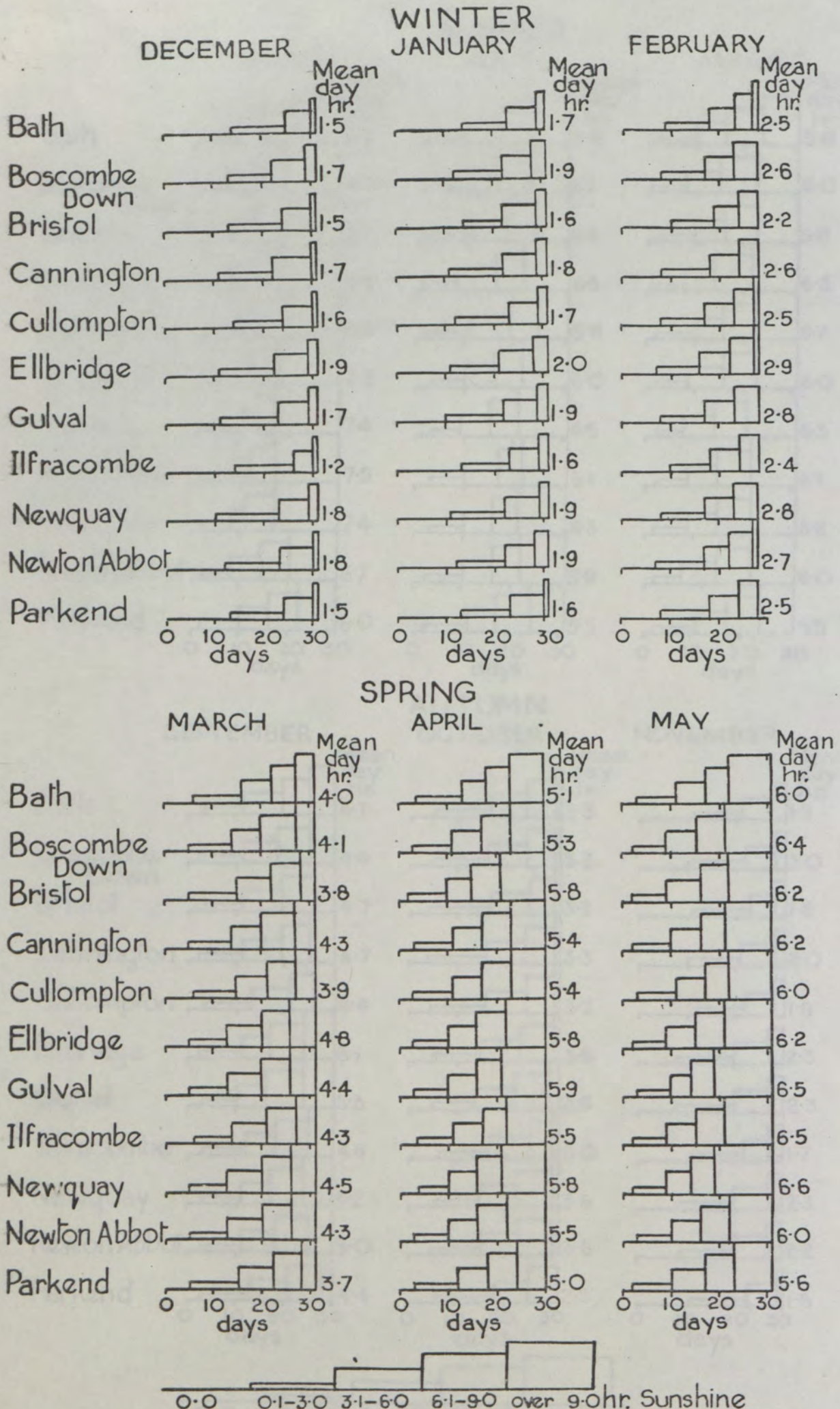


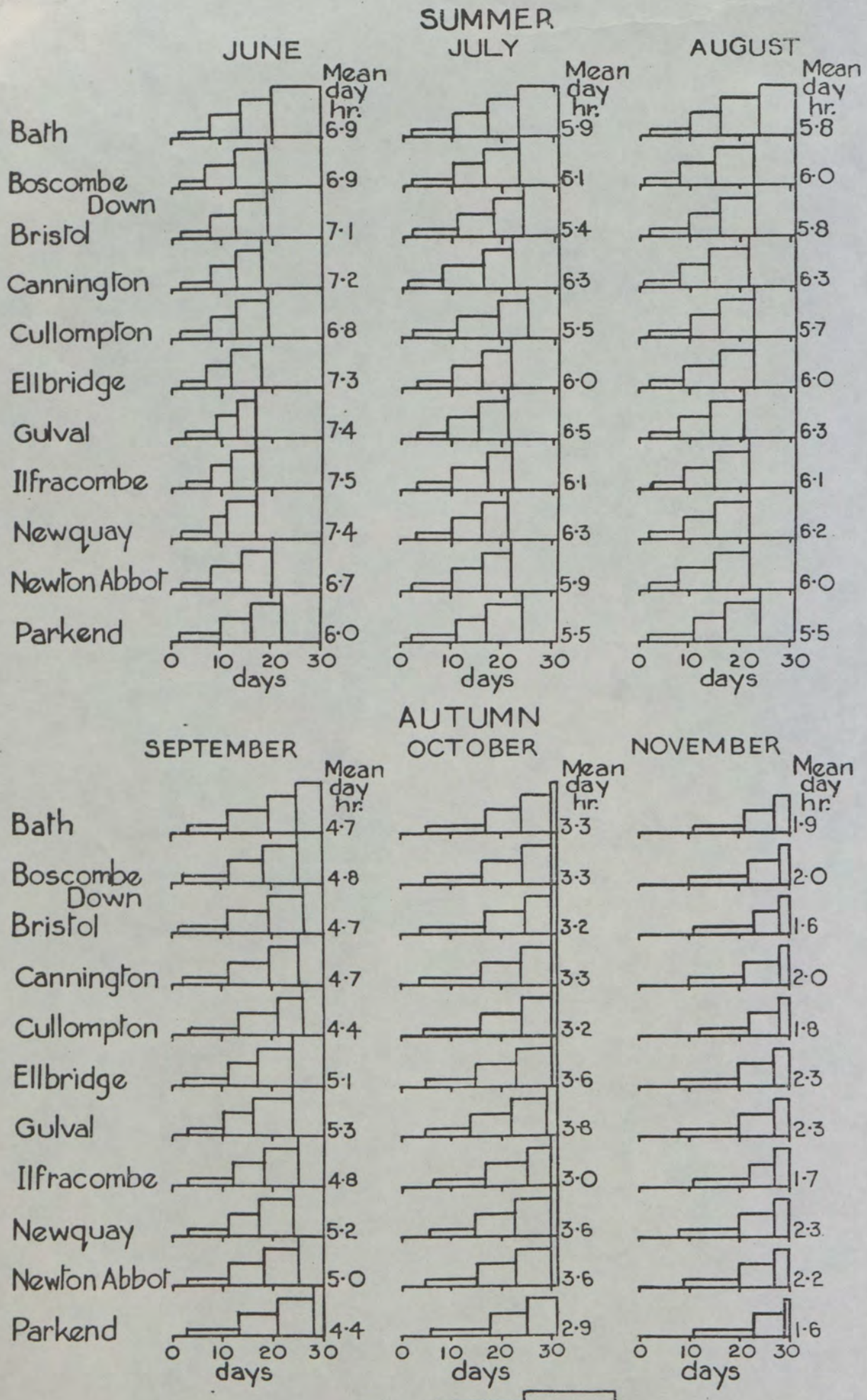
Fig. 2 – Mean annual sunshine 1901-30
amounts given in hours



Monthly distribution of sunny days and mean daily sunshine

Fig. 3

DS 50868/1



Monthly distribution of sunny days and mean daily sunshine

Fig.3 – *continued*